

Йотова, Цветелина А.

From: Богоева, Юлия К.
Sent: 26 юли 2024 г. 10:20
To: Йотова, Цветелина А.
Сс: Александров, Пламен Г.; Лазарова, Милена Т.
Subject: FW: Оферта Евромаркет БРД ЕООД - Пазарна консултация No. 54293 - "Доставка на измервателни инструменти"
Attachments: Пълномощно Ал. Колома ЕМ БРД ЕООД .pdf; Данни Евромаркет БРД ЕООД (4).pdf; ИД 47431.pdf; ИД 9637.pdf; ИД 10068.pdf; ИД 10069.pdf; ИД 10072.pdf; ИД 10075.pdf; ИД 10079.pdf; ИД 10085.pdf; ИД 10090.pdf; ИД 10110.pdf; ИД 10277.pdf; ИД 46933.pdf; ИД 46936.pdf; ИД 47057.pdf; ИД 47431.pdf; ИД 52717.pdf; ИД 62313.pdf; ИД 62314.pdf; ИД 62316.pdf; ИД 62327.pdf; ИД 62328.pdf; ИД 64352.pdf; ИД 72048.pdf

ВХ-Е-5152/26.07.2024

From: Euromarket Tools <tools@euromarket.bg>
Sent: Friday, July 26, 2024 10:14 AM
To: commercial <commercial@npp.bg>
Сс: Йотова, Цветелина А. <CYotova@npp.bg>
Subject: Оферта Евромаркет БРД ЕООД - Пазарна консултация No. 54293 - "Доставка на измервателни инструменти"

До: АЕЦ Козлодуй ЕАД

Здравейте,

Във връзка с Ваша покана за пазарна консултация No. 54293 за „Доставка на измервателни инструменти“ приложено Ви изпращаме следните документи, съгласно Вашите изисквания:

1. Индикативно предложение INDSF0000060350/26.07.2024 – по образец;
2. Каталогна информация;
3. Данни на фирма „Евромаркет БРД“ ЕООД – 1 страница;
4. Нотариално заверено пълномощно на Ал. Колома

Поздрави,

Александър Карлос Колома
Пълномощник на Управителя на "Евромаркет - БРД" ЕООД
съгласно пълномощно с рег. No. 5349 от 18.04.2023 г.
заверено от нотариус с рег. No. 536 при НК.

Евромаркет БРД ЕООД
ул. Околовръстен път 454
София 1532, Казичене
тел.: 02/ 97 67 100
факс: 02/ 97 67 111
e-mail: tools@euromarket.bg
www.euromarket.bg

ТЕХНИЧЕСКА СПЕЦИФИКАЦИЯ/ОБРАЗЕЦ НА ИНДИКАТИВНО ПРЕДЛОЖЕНИЕ

ID	Описание Модел: мул	К-во	МЕД	Единична цена в лева без ДДС	Стойност в лева без ДДС
10044	Пластини луфтомерни, с обхват на измерване от 0,02мм-0,2мм., 10 броя пластини, дължина на пластините 100мм. от неръждаема стомана, със застопоряваща гайка	16	br		
10068	Микрометър механичен, с обхват на измерване от 0 - 25мм. Точност до 0,01мм; DIN 863/1 Модел: 5004101 Произход: Ultra Präzision - Германия	8	br	66,15	529,20
10069	Микрометър механичен, с обхват на измерване от 100 - 125мм. Точност 0,01мм. DIN 863/1 Модел: 5004105 Произход: Ultra Präzision - Германия	1	br	116,55	116,55
10072	Микрометър механичен, с обхват на измерване от 25 - 50мм. Точност 0,01мм. DIN 863/1 Модел: 5004104 Произход: Ultra Präzision - Германия	2	br	74,55	149,10
10075	Микрометър механичен, с обхват на измерване от 75 - 100мм. Точност 0,01мм. DIN 863/1 Модел: 50044104 Произход: Ultra Präzision - Германия	2	br	90,30	180,60
10079	Микрометър механичен, с обхват на измерване от 50 - 75мм. Точност до 0,01мм; DIN 863/1 Модел: 5004103 Произход: Ultra Präzision - Германия	2	br	82,95	165,90
10085	Микрометър механичен, с обхват на измерване от 225 - 250мм. Точност 0,01мм. DIN 863/1 Модел: 500210 Произход: Ultra Präzision - Германия	1	br	229,95	229,95
10090	Микрометър комбиниран, с обхват на измерване от 300 - 400мм. Точност 0,001мм., деление на скалата 0,01мм Модел: 5013205 Произход: Ultra Präzision - Германия	1	br	696,15	696,15
10110	Микрометър вътрешен, с обхват на измерване от 50 - 500мм., точност 0,01мм., деление на скалата 0,01мм Модел: 5018206 Произход: Ultra Präzision - Германия	5	br	418,95	2094,75
101237	Стойка магнитна за индикаторен часовник; с три рамена, радиус 320мм, височина на цялата стойка /включително магнита/ - 420мм. маг. сила 600кРа Модел: 250301 Произход: Vogel - Германия	9	br	259,35	2334,15

101267	Стойка магнитна за индикаторен часовник; с три рамена, радиус 280мм, височина на цялата стойка /включително магнит - 390мм, маг.сила 750кРа Модел: 011359 Произход: Mitutoyo - Япония	14	br	899,85	12597,90
10277	Резбомер комбиниран за метрична резба- 60° и цолова резба - 55 Модел: 5169108 Произход: Ultra Präzision - Германия	5	br	21,00	105,00
10283	Ролетка 1м, пластмасов корпус, гарантиращ удобен захват без приплъзване, стоманена измервателна лента с найлоново покритие предпазващ маркировката от изтривани и корозия. Компенсаторна кука за вътрешно и външно измерване, надежден механизъм за блокиране.	3	br		
10284	Ролетка 10м. пластмасов корпус, гарантиращ удобен захват без приплъзване, стоманена измервателна лента с найлоново покритие предпазващ маркировката от изтривани и корозия. Компенсаторна кука за вътрешно и външно измерване, надежден механизъм за блокиране.	9	br		
10286	Ролетка 2м, пластмасов корпус, гарантиращ удобен захват без приплъзване, стоманена измервателна лента с найлоново покритие предпазващ маркировката от изтривани и корозия. Компенсаторна кука за вътрешно и външно измерване, надежден механизъм за блокиране.	5	br		
10288	Ролетка 3м, пластмасов корпус, гарантиращ удобен захват без приплъзване, стоманена измервателна лента с найлоново покритие предпазващ маркировката от изтривани и корозия. Компенсаторна кука за вътрешно и външно измерване, надежден механизъм за блокиране.	33	br		
10289	Ролетка 5м, пластмасов корпус, гарантиращ удобен захват без приплъзване, стоманена измервателна лента с найлоново покритие предпазващ маркировката от изтривани и корозия. Компенсаторна кука за вътрешно и външно измерване, надежден механизъм за блокиране.	16	br		
102892	Микрометър дигитален, с обхват на измерване от 0 - 25мм.; отчитане: 0.001мм.; отклонение: 2µм. DIN 863/3 Модел: 6200101 Произход: Ultra Präzision - Германия	5	br	260,82	1304,10
102896	Шублер дигитален с дълбокомер, с обхват на измерване от 0 - 200мм; Точност до 0,01мм; DIN 862 Модел: 6850102 Произход: Ultra Präzision - Германия	3	br	140,70	422,10
103080	Ъгломер универсален - комплект, с обхват на измерване от 0 - 360°. Точност: 5'; рамена: 300мм. Модел: 2006103 Произход: Ultra Präzision - Германия	2	br	498,75	997,50

108984	Везна електронна , максимален товар: 15 кг, клас на точност: III по БДС, двустранен LED дисплей за измерено тегло,вгра .а акумулаторна батерия за минимум 50 часа работа, контрол на състоянието и ползаряд на акумулаторната батерия,демантируемо блодо от неръждаема стомана,работна температура от -10°C до +40°C,деление 5 гр. с метрологична заверка, водоустойчива	2	bg		
109539	Микрометър комбиниран /механичен/, с обхват на измерване от 500 - 600мм. Точност 0,01мм. DIN 863/3 Модел: 5013207 Произход: Ultra Präzision - Германия	1	bg	938,70	938,70
114709	Пластини луфтомерни с обхват на измерване от 0.05мм-1мм. , дължина на пластините 100мм. стълка на измерване 0.05мм. от немагнитен материал . организирани в метален или пласмасов държач с възможнонос за фиксиране Модел: 5150503 Произход: Ultra Präzision - Германия	42	bg	25,20	1058,40
134083	Динамометър дигитален с дистанционно управление, с обхват на измерване 35 т; точност: ± 0,2%; автоматично нулиране, избор на измервателни единици: kg, t, lbs, daN, kN, предупреждение за претоварване, работна среда: -10°C до + 50°C, захранване батерии 4 x1.5V AA, комплект с 2 бр. шегели, За кран 160/32/8 т Модел: TZR 35.0 Произход: Yale - Германия	1	bg	8610,00	8610,00
138378	Вътромер триточков, с обхват на измерване от ф200-ф225мм, разделителна способност 0,01мм, максимална допустима грешка 8мм, максимална дълбочина на измерване 81мм. кутия за съхранение Модел: 6020124 Произход: Ultra Präzision - Германия	1	bg	2209,20	2209,20
138379	Вътромер триточков, с обхват на измерване от ф225-ф250мм, разделителна способност 0,01мм, максимална допустима грешка 8мм, максимална дълбочина на измерване 81мм, калибър с размер 225мм. кутия за съхранение Модел: 6020125 Произход: Ultra Präzision - Германия	1	bg	2209,20	2209,20
138380	Вътромер триточков, с обхват на измерване от ф250-ф275мм, разделителна способност 0,01мм, максимална допустима грешка 8мм, максимална дълбочина на измерване 81мм. кутия за съхранение Модел: 6020126 Произход: Ultra Präzision - Германия	1	bg	2209,20	2209,20
138381	Вътромер триточков, с обхват на измерване от ф275-300мм, разделителна способност 0,01мм, максимална допустима грешка 8мм, максимална дълбочина на измерване 81мм, калибър с размер 275мм. кутия за съхранение Модел: 6020127 Произход: Ultra Präzision - Германия	1	bg	2209,20	2209,20

140818	Шублер дигитален за вътрешни канали, с обхват на измерване от 30-300 mm, дължина на челюстите 50 mm.; резолюция 0.01 mm. по станд. Модел: DIN 862 Модел: 201084 Произход: Vogel - Германия	5	br	357,00	1785,00
142451	Микрометър дигитален, с обхват на измерване от 75-100 mm, точност 0.001 mm. DIN 863 Модел: 6200104 Произход: Ultra Präzision - Германия	1	br	375,90	375,90
142454	Микрометър дигитален, с обхват на измерване от 125-150 mm, точност 0.001 mm. DIN 863 Модел: 6200106 Произход: Ultra Präzision - Германия	2	br	500,85	1001,70
46933	Шублер с дълбокомер, с обхват на измерване от 0 - 200 mm, точност до 0,05 mm; DIN 862 Модел: 1868102 Произход: Ultra Präzision - Германия	2	br	100,80	201,60
46936	Шублер с индикаторен часовник, с обхват на измерване от 0 - 250 mm, точност 0,05 mm. DIN 862 Модел: 5061216 Произход: Ultra Präzision - Германия	6	br	240,45	1442,70
47057	Индикатор часовников аналогов, с обхват на измерване от 0 - 10 mm, точност 0,01 mm; ф60 mm Модел: 5040103 Произход: Ultra Präzision - Германия	10	br	51,45	514,50
47431	Комплект теглилки еталонни, от 1 mg до 1 kg с метален куфар за съхранение и транспорт, клас на точност F1 по OIML, със сертификат, материал неръждаема стомана Модел: 323-066 Произход: Kern Германия	2	br	2423,40	4846,80
50109	Нивелир строителен L=500 mm, алуминиев	5	br		
52717	Шублер с дълбокомер, с обхват на измерване от 0 - 150 mm; Точност до 0,05 mm; DIN 862 Модел: 1868101 Произход: Ultra Präzision - Германия	5	br	50,40	252,00
62313	Микрометър дигитален, с обхват на измерване от 25 - 50 mm. Точност 0,001 mm. DIN 863 Модел: 6200102 Произход: Ultra Präzision - Германия	1	br	318,15	318,15
62314	Микрометър дигитален, с обхват на измерване от 50 - 75 mm. Точност 0,001 mm. DIN 863/1 Модел: 6200103 Произход: Ultra Präzision - Германия	1	br	361,20	361,20

62316	Микрометър дигитален, с обхват на измерване от 100 - 125мм. Точност 0,001мм. DIN 863/1 Модел: 6200106 Произход: Ultra Präzision - Германия	2	br	500,85	1001,70
62327	Шублер дигитален с дълбокомер, с обхват на измерване от 0 - 150мм; точност до 0,01мм Модел: 6850101 Произход: Ultra Präzision - Германия	1	br	99,75	1695,75
62328	Шублер дигитален, с обхват на измерване от 0 - 300мм. Точност 0,01мм. DIN862 Модел: 6850103 Произход: Ultra Präzision - Германия	3	br	248,85	746,55
64352	Динамометър дигитален: Капацитет: 5000кг; Точност: ± 0,2%; автоматично изключване IP65, избор на измервателни единици: kg, t, lbs, daN, kN, индикация за претоварване, работна среда: -10° C до + 50°С комплект с 2бр. шегели,хранване:батерии 4x1.5V AA(LR6) Модел: TZL 5.0 Произход: Yale - Германия	2	br	2835,00	5670,00
72048	Дълбокомер индикаторен дигитален, с обхват на измерване от 0 до 150 мм. точност 0,01мм. деление на скалата 0,01мм Модел: 6852101 Произход: Ultra Präzision - Германия	3	br	161,70	485,10
9637	Нивелир машинен; с точност до 0,02мм/1м Модел: 1743101 Произход: Ultra Präzision - Германия	1	br	630,00	630,00
	Везна, ниско профилна платформа от нерждаема стомана, технически характеристики: - максимален тегло на измерване от 0 до 400 kg, - скално деление от 100 до 200 g; - нископрофилна конструкция с височина до 50 mm; - 1 бр. подходяща рампа с дължина не по-малко от 500 mm; - степен на влагозащита IP 67; - индикатор от нж стомана; - разпределителна кутия от нж стомана; - LCD дисплей с подсветка с различни цветове; - сензорна клавиатура; - Функции – Тара, Нето, Бруто, - хранване – 220V; батерия Li-on; - работна температура – от 10°С до 40 °С. - влажност – 15% до 85%;	1	br		

KERN 323-066

KERN

Weight set, F1, 1 mg - 1 kg, Knob, stainless steel polished (OIML), in aluminium case



Article number for guaranteed plus-deviation 921-405



1 DAY

Category

Brand	KERN
Product category	Weight set
Product group	OIML F1
Product family	323

Measuring System

Test weight - nominal value	1 mg - 1 kg
Weight OIML class	F1

Construction

Shape weight	Knob
Dimension (W×D×H)	230×140×110 mm
Case of weight set	in aluminium case
Material	stainless steel polished (OIML)

Packing & Shipping

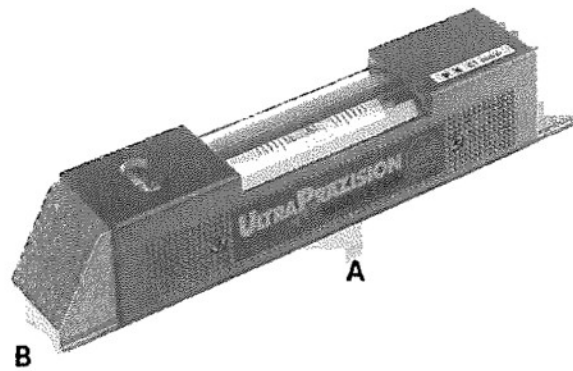
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	230×140×110 mm
Net weight	2,78 kg
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,6 kg
Shipping weight	3,5 kg

Services (optional)

Article number for conformity assessment	952-405
Article number for DAkkS calibration	962-405

Engineer's levels ULTRA active in wooden box
Horizontal model, special cast-iron
160x42mm (0,02)

Product number: 174310*
EAN / 4066918068613
GTIN:
Customs code: 90318020
Delivery method: Parcel delivery service
Weight: 1.1kg



Product description

- DIN 877
- Special cast-iron base
- Insulated pads
- 1 V base
- Longitudinal and lateral vials

Delivered in a wooden case

! Levels for large shaft-Ø or with magnetic surfaces on request.

Technical Data

Size: 160x42mm (0,02,
Article number: 174310*
Brand: ULTRA
A x B: 160mm
Sensitivity mm/m: 0,02
Weight: 1.1kg

External micrometers ULTRA active in box
Tungsten carbide measuring faces Ø 6,5mm, pitch 0,5mm
0-25/0,01mm

Product number: 500410*

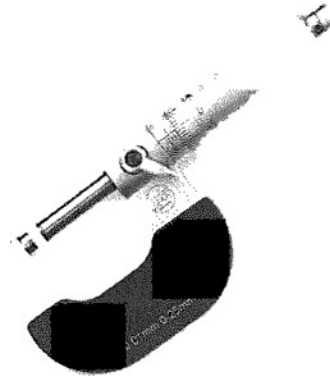
EAN / 4066918093776

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 0.35kg



Product description

- DIN 863
- Spindle pitch 0.5mm
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces Ø 6.5mm
- Spindle clamping with lever
- Ratchet stop
- Insulated pads

Delivered in a case, from 25 – 50mm including setting gauge

Technical Data

Size:	0-25/0,01mm
Article number:	5004101
Brand:	ULTRA
Frame:	Satin chrome plated
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 6,5mm
Measuring range:	0-25mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Spindle pitch:	0,5mm
Weight:	0.35kg

External micrometers ULTRA active in box

**Tungst. carb. meas. face Ø 6,5mm, pitch 0,5mm, setting gauge
100-125/0,01mm**

Product number: 5004105

EAN / 4066918093866

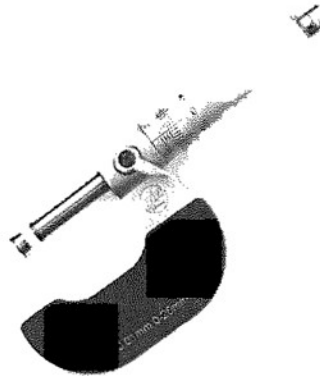
GTIN:

Customs code: 901/3000

code:

Delivery method: Parcel delivery service

Weight: 0.98kg



Product description

- DIN 863
- Spindle pitch 0.5mm
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces Ø 6.5mm
- Spindle clamping with lever
- Ratchet stop
- Insulated pads

Delivered in a case, from 25 – 50mm including setting gauge

Technical Data

Size:	100-125/0.01mm
Article number:	5004105
Brand:	ULTRA
Frame:	Satin chrome plated
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 6,5mm
Measuring range:	100-125mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Spindle pitch:	0,5mm
Weight:	0.98kg

External micrometers ULTRA active in box

Tungst. carb. meas. face \varnothing 6,5mm, pitch 0,5mm, setting gauge

100-125/0,01mm

Product number: 5004105

number:

EAN / 4066918093868

GTIN:

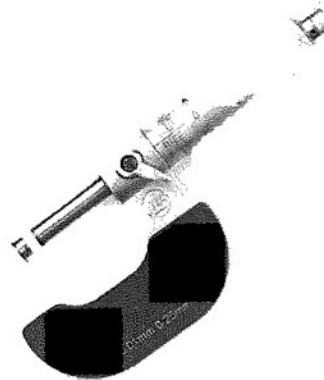
Customs code: 90173000

code:

Delivery method: Parcel delivery service

method:

Weight: 0,98kg



Product description

- DIN 863
- Spindle pitch 0.5mm
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces \varnothing 6.5mm
- Spindle clamping with lever
- Ratchet stop
- Insulated pads

Delivered in a case, from 25 - 50mm including setting gauge

Technical Data

Size:	100-125/0,01mm
Article number:	5004105
Brand:	ULTRA
Frame:	Satin chrome plated
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 6,5mm
Measuring range:	100-125mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Spindle pitch:	0,5mm
Weight:	0.98kg

External micrometers ULTRA active in box

Tungst. carb. meas. face \varnothing 6,5mm, pitch 0,5mm, setting gauge

75-100/0,01mm

Product 5004104

number:

EAN / 4066918093844

GTIN:

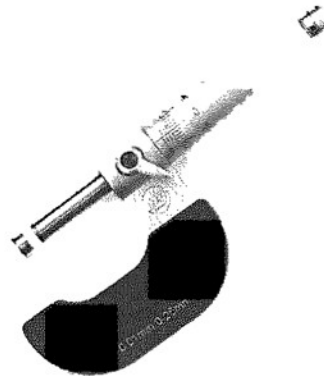
Customs 90173000

code:

Delivery Parcel delivery service

method:

Weight: 0.8kg



Product description

- DIN 863
- Spindle pitch 0.5mm
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces \varnothing 6.5mm
- Spindle clamping with lever
- Ratchet stop
- Insulated pads

Delivered in a case, from 25 – 50mm including setting gauge

Technical Data

Size:	75-100/0,01mm
Article number:	5004104
Brand:	ULTRA
Frame:	Satin chrome plated
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 6,5mm
Measuring range:	75-100mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Spindle pitch:	0,5mm
Weight:	0.8kg

External micrometers ULTRA active in box

Tungst. carb. meas. face Ø 6,5mm, pitch 0,5mm, setting gauge

50-75/0,01mm

Product 5004103

number:

EAN / 406691809382

GTIN:

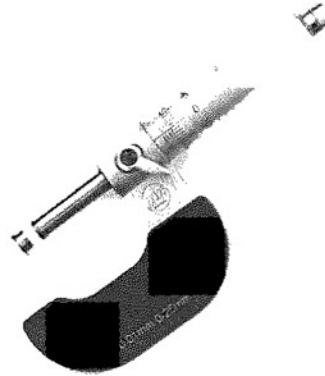
Customs 901730

code:

Delivery Parcel delivery service

method:

Weight: 0.6kg



Product description

- DIN 863
- Spindle pitch 0.5mm
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces Ø 6.5mm
- Spindle clamping with lever
- Ratchet stop
- Insulated pads

Delivered in a case, from 25 – 50mm including setting gauge

Technical Data

Size:	50-75/0,01.....
Article number:	5004103
Brand:	ULTRA
Frame:	Satin chrome plated
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 6,5mm
Measuring range:	50-75mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Spindle pitch:	0,5mm
Weight:	0.6kg

External micrometers ULTRA active in box
Tungst. carb. meas. face Ø 6,5mm, pitch 0,5mm, setting gauge
225-250/0,01mm

Product 500521C
number:

EAN / 4066918093998

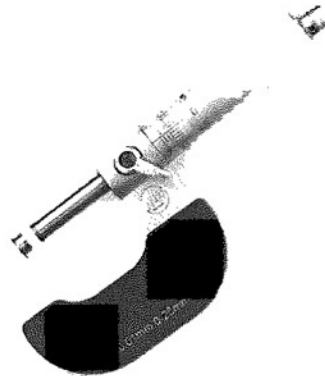
GTIN:

Customs 90173066

code:

Delivery Parcel delivery service
method:

Weight: 2,15kg



Product description

- DIN 863
- Spindle pitch 0.5mm
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces Ø 6.5mm
- Spindle clamping with lever
- Ratchet stop
- Insulated pads

Delivered in a case, from 25 – 50mm including setting gauge

Technical Data

Size:	225-250/0,01mm
Article number:	5005210
Brand:	ULTRA
Frame:	Lacquered
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 6,5mm
Measuring range:	225-250mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Spindle pitch:	0,5mm
Weight:	2.15kg

**External micrometers ULTRA active, interchangeable inserts
Tungst. carb. meas. face \varnothing 8mm, pitch 0,5mm, setting gauge
300-400/0,01mm**

Product 5013205
number:

EAN / 4066918094193

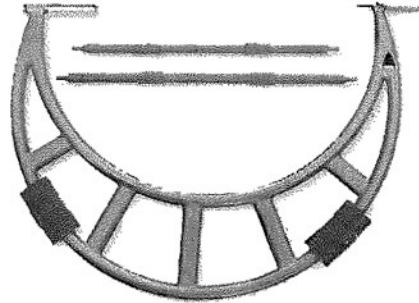
GTIN:

Customs 90173000

code:

Delivery Parcel delivery service
method:

Weight: 6kg



Product description

- DIN 863
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces \varnothing 8mm
- Spindle pitch 0.5mm
- Spindle clamping with lever
- Ratchet stop
- Pipe frame with insulated pads

Delivered in a case, including setting gauges

Technical Data

Size:	300-400/0,01mm
Article number:	5013205
Brand:	JLTRA
Frame:	Pipe
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 8mm
Measuring range:	300-400mm
Reading:	0,01mm
Reading parts:	Satin chrome plate
Setting gauges:	325/375mm
Spindle pitch:	0,5mm
Weight:	6kg

**Internal micrometer sets ULTRA active in box with extensions
spherical tungsten carbide measuring faces, pitch 0,5mm
50-600/0,01mm**

Product 5018206
number:

EAN / 4066918094476

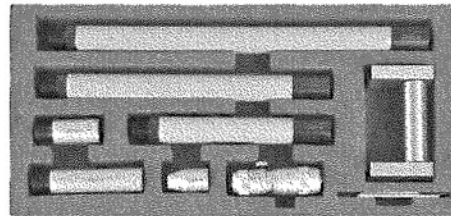
GTIN:

Customs 90173000

code:

Delivery Parcel delivery service
method:

Weight: 0.61kg



Product description

- Works standard
- Accuracy $\pm (3 + n + L / 50) \mu m$ = numbers of extensions,
- Satin chrome reading parts
- Spindle pitch 0.5mm
- Spindle clamping with screw

Delivered in a case

!Larger measuring ranges on request **

Technical Data

Size:	50-600/0,01mm
Article number:	5018206
Brand:	ULTRA
Extensions:	13/25/50/100/150/200
Extensions:	Ø 15,5mm
Measuring range:	50-600mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Spindle pitch:	0,5mm
Weight:	0.61kg

Screw pitch gauges, steel leaves

4-62 55°/0,25-6,0mm 60° (52)

Product number: 5169108

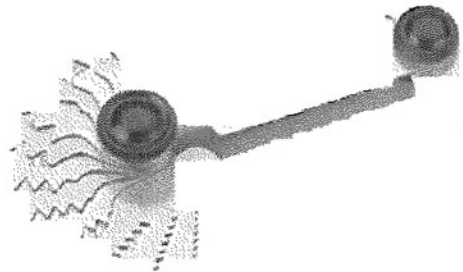
EAN / 4066918098948

GTIN:

Customs code: 90318020

Delivery method: Parcel delivery service

Weight: 0.08kg



Product description

- External and internal measuring
- Steel leaves
- Pitch marked
- Frame with locking screw

5169 101: 60° Metric ISO

5169 102: 60° Metric S

5169 104: 55° Whitworth

5169 105: 55° Whitworth

5169 106: 55° Whitworth pipe DIN 259

5169 107: 55° Whitworth / 60° Metric S.I

5169 108: 55° Whitworth / 60° Metric ISO

5169 109: 55° Whitworth / 60° metric ISO / 55° Whitworth pipe DIN 259

5169 110: 60° UNC thread

5169 111: 60° UNF thread

5169 112: 60° US thread

5169 113: 60° US thread

Delivered in individual packages

! Other versions on request.

Technical Data

Size: 4-62 55°/0,25-6,0mm 60° (52,

Article number: 5169108

Brand: ULTRA

ULTRA item no.: 5169108

Weight: 0.08kg

Pocket vernier calipers ULTRA active inox matt in bag
Depth gauge angular, with locking screw
200x50-1/20mm

Product 1868102
number:

EAN / 40669180/2931

GTIN:

Customs 90173000
code:

Delivery Parcel delivery service
method:

Weight: 0.2kg



Product description

- DIN 862
- Hardened stainless steel
- Satin chrome reading parts
- Cross points
- 4-way measurement

Delivered in imitation leather bag

Technical Data

Size:	200x50-1/20 ^{mm}
Article number:	1868102
Brand:	ULTRA
Cross points:	Yes
Depth gauge:	Angular
Jaw length:	50mm
Locking screw:	Yes
Material stainless steel:	Hardeneu
Measuring range:	200mm / 8 inch
Reading:	1/20mm / 1/128 inch
Reading parts:	Satin chrome plated
Weight:	0.2kg

**Pocket dial calipers ULTRA active
inox matt in box, depth gauge angular
300x60/0,02mm**

Product number: 5061216

EAN / 4066918094902

GTIN:

Customs code: 90173000

Delivery method:

Parcel delivery service

Weight: 0.4kg



Product description

- DIN 862
- Locking screw
- Friction wheel
- Hardened stainless steel
- Satin chrome reading parts
- Cross points
- 4-way measurement

Delivered in a case

Technical Data

Size:	300x60/0,02mm
Article number:	5061216
Brand:	ULTRA
1 pointer rotation:	2mm
Cross points:	Yes
Depth gauge:	Angular
Friction wheel:	Yes
Jaw length:	60mm
Locking screw:	Yes
Material stainless steel:	Hardened
Measuring range:	300mm
Reading:	0,02mm
Reading parts:	Satin chrome plated
Weight:	0.4kg

Dial gauges DIN 878 in box

ULTRA active

10/0,01mm Ø58mm

Product number:

5040103

EAN / 4066918094760

GTIN:

Customs code:

9017809

Delivery method:

Parcel delivery service

Weight: 0.3kg



Product description

- Metal housing Ø 58mm
- Adjustable tolerance marks
- Clamping shaft Ø 8mm h6
- Interchangeable measuring insert M2.5

5040 103: DIN 878

5040 104: Works standard

Delivered in a case

Technical Data

Size: 10/0,01mm Ø58mm

Article number: 5040103

Brand: ULTRA

1 pointer rotation: 1mm

Execution: DIN 878

Measuring range: 10mm

Reading: 0,01mm

Weight: 0.3kg

KERN 323-066

KERN

Weight set, F1, 1 mg - 1 kg, Knob, stainless steel polished (OIML), in aluminium case



Article number for guaranteed plus-deviation 921-405

Pictograms



1 DAY

Category

Brand	KERN
Product category	Weight set
Product group	OIML F1
Product family	323

Measuring System

Test weight - nominal value	1 mg - 1 kg
Weight OIML class	F1

Construction

Shape weight	Knob
Dimension (W×D×H)	230×140×110 mm
Case of weight set	in aluminium case
Material	stainless steel polished (OIML)

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	230×140×110 mm
Net weight	2,78 kg
Shipping method	Parcel service
Net weight approx.	2,8 kg
Gross weight approx.	3,6 kg
Shipping weight	3,5 kg

Services (optional)

Article number for conformity assessment	952-405
Article number for DAkkS calibration	962-405

Pocket vernier calipers ULTRA active inox matt in bag
Depth gauge angular, with locking screw
150x40-1/20mm

Product number: 186810*

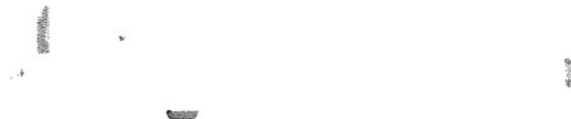
EAN / 40669180/2894

GTIN:

Customs code: 901/3000

Delivery method: Parcel delivery service

Weight: 0.15kg



Product description

- DIN 862
- Hardened stainless steel
- Satin chrome reading parts
- Cross points
- 4-way measurement

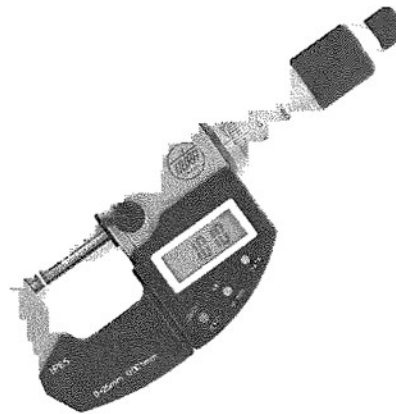
Delivered in imitation leather bag

Technical Data

Size:	150x40-1/20mm
Article number:	*86810
Brand:	ULTRA
Cross points:	Yes
Depth gauge:	Angular
Jaw length:	40mm
Locking screw:	Yes
Material stainless steel:	Hardened
Measuring range:	150mm / 6 inch
Reading:	1/20mm / 1/128 inch
Reading parts:	Satin chrome plated
Weight:	0.15kg

Digital external micrometers ULTRA active in box
Tungst. carb. meas. face Ø 6,5mm, pitch 0,5mm, setting gauge
25-50/0,001mm IP65

Product number: 6200102
EAN / GTIN: 4066918102249
Customs code: 90173000
Delivery method: Parcel delivery service
Weight: 0.62kg



Product description

- DIN 863
- Protection class IP65
- Large LCD display
- Tungsten carbide-tipped measuring faces Ø6.5mm
- Spindle pitch 0.5mm
- Spindle clamping with lever
- Ratchet stop
- Measuring force 5 – 10 N
- Insulated pads
- Battery CR 2032 3V

Delivered in a case, from 25 – 50mm including setting gauge

Functions:

- On/Off
- mm/inch commutation
- Zero setting at any position
- Preset function +
- ABS function
- Data output DIGIMATIC

Technical Data

Size:	25-50/0,001mm IP65
Article number:	6200102
Brand:	ULTRA
Data output:	Digimatic
Insulated pads:	Yes
Meas. faces tungsten carbide:	Ø 6,5mm
Measuring range:	25-50mm / 1-2 inch
Protection class:	IP65
Reading:	0,001mm/0,0005 inch
Spindle pitch:	0,5mm
Weight:	0.62kg

Digital external micrometers ULTRA active in box
Tungst. carb. meas. face Ø 6,5mm, pitch 0,5mm, setting gauge
50-75/0,001mm IP65

Product number: 6200103

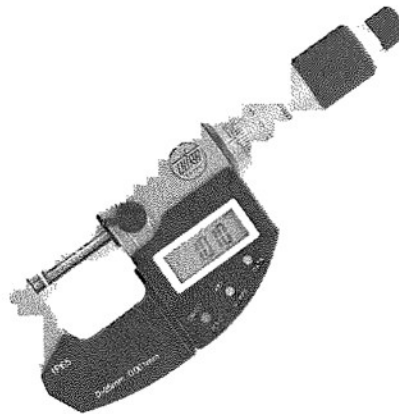
EAN / 4066918102256

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 0.78kg



Product description

- DIN 863
- Protection class IP65
- Large LCD display
- Tungsten carbide-tipped measuring faces Ø6.5mm
- Spindle pitch 0.5mm
- Spindle clamping with lever
- Ratchet stop
- Measuring force 5 – 10 N
- Insulated pads
- Battery CR 2032 3V

Delivered in a case, from 25 – 50mm including setting gauge

Functions:

- On/Off
- mm/inch combination
- Zero setting at any position
- Preset function +
- ABS function
- Data output DIGIMAIL

Technical Data

Size:	50-75/0,001mm IP65
Article number:	6200102
Brand:	ULTRA
Data output:	Digital
Insulated pads:	Yes
Meas. faces tungsten carbide:	Ø 6,5mm
Measuring range:	50-75mm / 2-3 inch
Protection class:	IP65
Reading:	0,001mm/0.0005 inch
Spindle pitch:	0,5mm
Weight:	0.78kg

Digital external micrometers ULTRA active in box
Tungst. carb. meas. face Ø 6,5mm, pitch 0,5mm, setting gauge
125-150/0,001mm IP65

Product number: 6200106

EAN / 4066918102287

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 1.74kg



Product description

- DIN 863
- Protection class IP65
- Large LCD display
- Tungsten carbide-tipped measuring faces Ø6.5mm
- Spindle pitch 0.5mm
- Spindle clamping with lever
- Ratchet stop
- Measuring force 5 - 10 N
- Insulated pads
- Battery CR 2032 3V

Delivered in a case, from 25 - 50mm including setting gauge

Functions:

- On/Off
- mm/inch commutation
- Zero setting at any position
- Preset function +
- ABS function
- Data output DIGIMATIC

Technical Data

Size:	125-150/0,001mm IP65
Article number:	6200106
Brand:	ULTRA
Data output:	Digital
Insulated pads:	Yes
Meas. faces tungsten carbide:	Ø 6.5mm
Measuring range:	125-150mm / 5-6 inch
Protection class:	IP65
Reading:	0,001mm/0.00015 inch
Spindle pitch:	0,5mm
Weight:	1.74kg

Digital pocket calipers ULTRA active inox in box
Depth gauge angular
150x40/0,01mm

Product number: 6850101

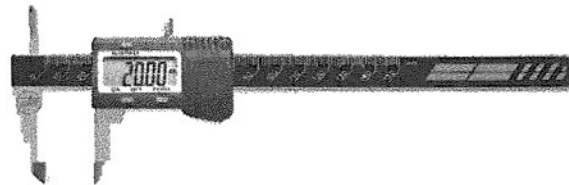
EAN / 40669181024/8

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 0.4kg



Product description

- DIN 862
- Locking screw
- Hardened stainless steel
- Large LCD display
- Measuring speed 3m/s
- Cross points
- Depth gauge angular
- 4-way measurement
- Battery CR 2032 3V

Delivered in a case

Functions:

- Auto Off
- mm/inch commutation
- Zero setting at any position

Technical Data

Size:	150x40/0,01mm
Article number:	685010*
Brand:	ULTRA
Cross points:	Yes
Depth gauge:	Angular
Jaw length:	40mm
Locking screw:	Yes
Material stainless steel:	Hardened
Measuring range:	150mm / 6 inch
Reading:	0,01mm / .0005 inch
Weight:	0.4kg

Digital pocket calipers ULTRA active inox in box

Depth gauge angular

300x60/0,01mm

Product number: 6850103

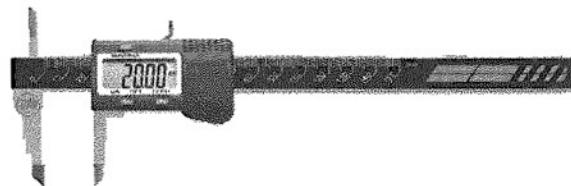
EAN / 4066918102492

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 0.66kg



Product description

- DIN 862
- Locking screw
- Hardened stainless steel
- Large LCD display
- Measuring speed 3m/s
- Cross points
- Depth gauge angular
- 4-way measurement
- Battery CR 2032 3V

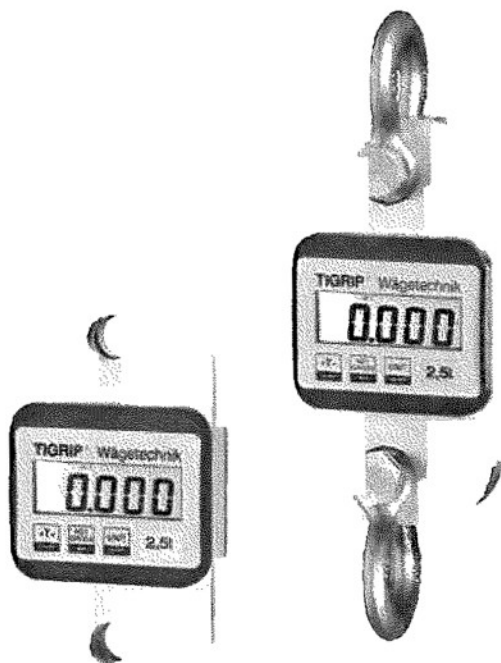
Delivered in a case

Functions:

- Auto Off
- mm/inch commutation
- Zero setting at any position

Technical Data

Size:	300x60/0,01mm
Article number:	6850103
Brand:	ULTRA
Cross points:	Yes
Depth gauge:	Angular
Jaw length:	60mm
Locking screw:	Yes
Material stainless steel:	Hardened
Measuring range:	300mm / 12 inch
Reading:	0,01mm / .0005 inch
Weight:	0.66kg



- TZR with digital display and radio control

The load indicator can be operated via radio control. The displayed values can be taken off the remote control device and can be transmitted to a PC. The system can be combined with an easy-to-read display. Several measured values can be totalled and saved.

Features

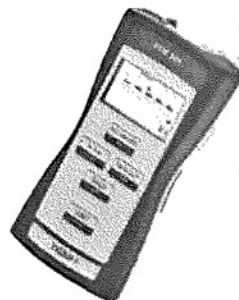
- TZR load indicator has the same features like the model TZL plus
- Remote control and data exchange via radio transmitter
- USB interface
- Accumulation memory

Option

- External easy-to-read display

Scope of delivery

- Load indicator
- Remote control with display
- 7 x 1.5 V AA batteries
- Carrying case
- Test certificate
- Without shackles and hooks
- PC cable
- User software



Load indicator

Measuring range 0 - 100t

The Tigrip® load indicator is a mechanical measuring instrument with electronic display. On account of its flexibility the Tigrip® load indicator has universal applications. Whether used as a conventional crane weigher or to measure forces, it is the economical choice for various applications. It can be used in conjunction with shackle and hooks.

The load indicator is provided with liquid crystal display (LCD), which can tare as well as show either the gross or the net load. It also indicates overload at 110% of the rated capacity and the status of the battery.

- TZL with digital display

Features

- High accuracy
- Lightweight design
- Easy-to-read display
- Easy to use
- Robust design
- Retains the peak value to memory
- The battery capacity provides for around 200 operating hours
- Automatic setting to zero when load indicator switched on
- Use of rechargeable batteries possible (external battery charger*)
- Display of maximum weight (gross/net)
- Display of measuring units on the load indicator
- Measuring units kg, t, lbs, to, kN
- Automatic stand-by for a prolonged battery lifetime
- Simple change of batteries
- Warning if batteries are low
- Overload warning

Scope of delivery

- Load indicator
- 4 x 1.5 V AA batteries
- Carrying case
- Test certificate
- Without shackles and hooks

* not part of the delivery package

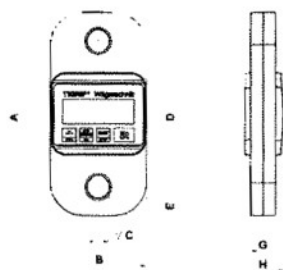
Technical data TZL and TZR

Mode	TZL 2,5	TZL 5,0	TZL 10,0 TZR 10,0	TZL 20,0 TZR 20,0	TZR 35,0	TZR 50,0	TZR 100,0
Art.-No. TZL	N53808324	N53808325	N53808326	N53808327			
Art.-No. TZL shackles	CM851A	N42000064	N42000069	N42000069			
Art.-No. TZL hooks	N53818351	N53818352	N53818322	N53818324			
Art.-No. TZR			N53808333	N53808335	N53808336	N53808337	N53808338
Art.-No. TZR shackles			N42000069	N42000069	N42000071	N42000072	N42000072
Art.-No. TZR hooks			N53818322	N53818324	N53818327	N53818328	N53818329
Measuring range, t	2,5	5,0	10	20	35	50	100
Limit load, t	5	10	20	40	70	100	200
Breaking load, t	10	20	40	80	140	200	400
Breaking load, t	10	20	40	80	140	200	400
Weight without lifting accessories, kg	0,7	2,1	3,5	6,8	7,4	14,4	39,3
Accuracy of the end value	± 0,2%	± 0,2%	± 0,2%	± 0,2%	± 0,2%	± 0,2%	± 0,2%
Resolution step, kg (partition)	1	1	1	10	10	10	10
Operation time, approx., h ¹				10			
Temperature range (operation)				-10 °C up to +50 °C			
Temperature range (storage)				20 °C up to +70 °C			
Protection				IP 54			
Display (LCD 20,5 mm high)				4 1/2 digits			
Tare range				100% of rated capacity			
Overload warning				retroactive warning at 110% of the rated capacity			

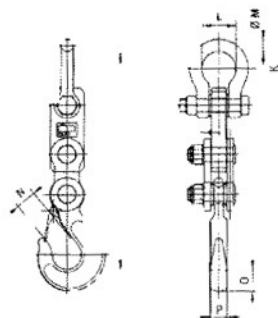
¹with 4 x 1.5 V AA batteries

Dimensions TZL and TZR

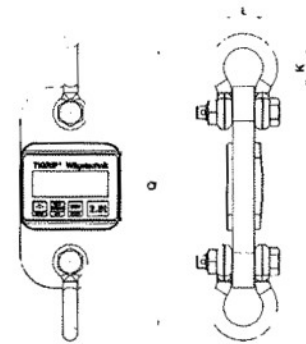
Model	TZL 2,5	TZL 5,0	TZL 10,0 TZR 10,0	TZL 20,0 TZR 20,0	TZR 35,0	TZR 50,0	TZR 100,0
A, mm	233	250	325	378	400	45	540
B, mm	118	118	118	141	150	18	2
C, mm	22	27	48	55	56	70	1
D, mm	173	180	17	233	40	264	38
E, mm	19	21,5	32	3	17	50	30
G, mm	25	30,5	17	3	3	77	39
H, mm	42,1	45,1	4,4	4	4	94	113
J, mm	604	51	690	8	1000	117	-
K, mm	34	50	100	10	130	140	300
L, mm	38	44	30	35	114	130	130
M, mm	16	19	30	30	44	51	29
N, mm	26	32	30	30	110	110	-
O, mm	23	7	55	30	123	13	-
P, mm	17	3	44	37	90	90	-
Q, mm	300	310	500	360	360	73	124



Load indicator TZL/TZR 2,5 up to 100,0t



Load indicator TZL/TZR with hook



Load indicator TZL/TZR with shackle

**Digital depth calipers ULTRA active inox in box
with bevelled point
150x100/0,01mm**

Product number: 685210*

EAN / 406691810288*

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 0.4kg



Product description

- DIN 862
- Locking screw
- Bar cross section 16x4mm
- Hardened stainless steel
- Large LCD display
- Battery CR 2032 3V
- Measuring bridge with bore \varnothing 5mm and bore distance 70mm for extra long optional measuring bridge

Delivered in a case

Functions:

- Auto On/Off
- mm/inch commutation
- Zero setting at any position

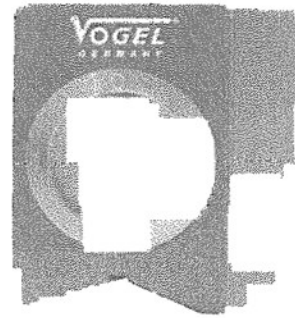
Technical Data

Size:	150x100/0,01mm
Article number:	6852101
Brand:	ULTRA
Bar cross section:	16x4mm
Bridge length:	100mm
Locking screw:	Yes
Material stainless steel:	Hardened
Measuring range:	150mm / 6 inch
Reading:	0,01mm / .0005 inch
Type:	Bevelled point
Weight:	0.4kg

Magnetic and Vacuum Bases

Magnetic Bases

- the thread is eccentrically placed on the surface so that the magnetic core is protected from smut
- sturdy magnetic block, On/Off rotary switch from aluminium
- hammer blow blue lacquered
- magnetic block with prismatic base and with a flat face backward



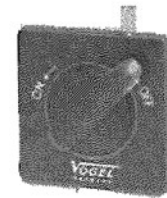
ART N°	Thread	suitable for art.	mm	magnetic power N
250210	M 10	250201 / 250204 / 250311*	70 x 45 x 6	650
250212	M 12	250202	75 x 60 x 8	800

Magnetic Bases

- sturdy magnetic block, On/Off-switch
- magnetic block with prismatic base and with a flat face backward
- hammer blow lacquered

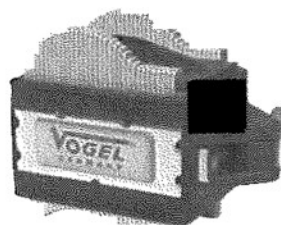
ART N° 252010

ART N° 250310



ART N° 252014

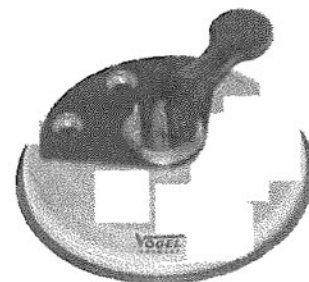
ART N° 252015



ART N°	Thread	suitable for art.	mm	magnetic power N
252010	M 8	252001 / 250401 / 251501 / 253001	58 x 50 x 5	800
252012	M 8	252001 / 250401 / 251501 / 253001 / 250333	4 x 50 x 8	1000
252014	M 8	250319 / 25032	36 x 30 x 3	300
252015	M 8	252001 / 250401 / 251501 / 253001*	75 x 46 x 54	600
250310	M 10	250333	118 x 50 x 55	1200

Vacuum Base

- with powerful suction power
- with locking lever
- solid aluminium alloy
- with M10 and M8 thread



ART N°
250312

Thread
mm
M8 and M10

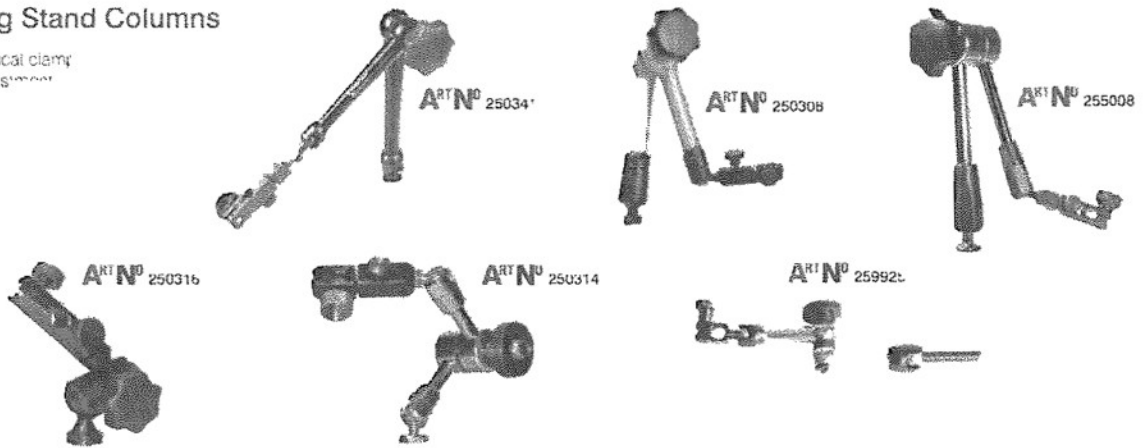
suitable for art.
250308

mm
a 90 x 20

Stand Columns and Accessories

Measuring Stand Columns

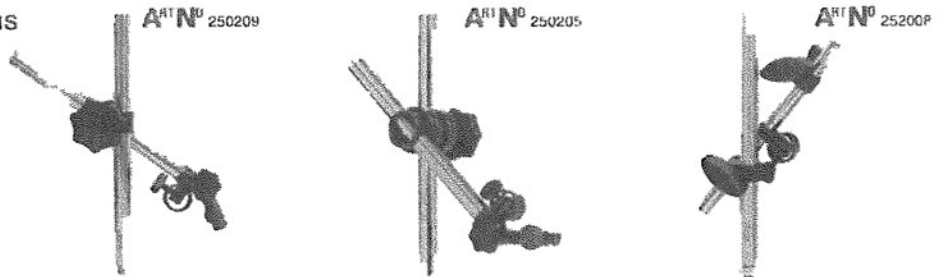
- with mechanical clamp
- with fine adjustment



ART NO	column ø x length mm	thread mm	suitable for art. no.	material	standard mm
250308	37	M 1	250301 + 250302	aluminium	8 + doveta
250314	17	M 1	250304 + 250315	steel, chrome	8 + doveta
250316	75	M 5	250300 + 250320	steel, burnished	6 + doveta
250341	20	M 8	250331	steel, anodized	ø + 8 + doveta
250342	24	M 8	250332	steel, anodized	6 + 8 + doveta
250343	56	M 6	250333	steel, anodized	6 + 8 + doveta
255008	345	M 8	255001	steel, chromed	8 + doveta
259925	150	3 x 4	ø 8	steel, chromed	8 + dove

Measuring Stand Columns

- rigid column
- with fine adjustment



ART NO	column ø x length mm	thread mm	suitable for art. no.	material	standard mm
250205	16 x 230	M 10	250204	steel, chromed	8
250208	20 x 42	M 12	250203	steel, chrome	8
250209	16 x 230	M 10	250202	steel, chromed	8
252008	16 x 22	M 10	252007	steel, chromed	8
252009	12 x 17	M 8	252006	steel, chromed	8

Measuring Stand Columns

- flexible tubular stand
- with wire-rope for

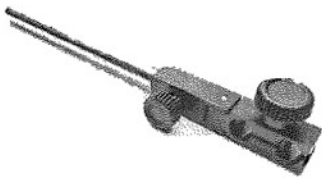


ART NO	column ø x length mm	thread mm	suitable for art. no.	material	standard mm
250508	16 x 340	M 8	25150	steel, burnished	6 + 8

Jointed Magnetic Stand

Item number: 011359

Images



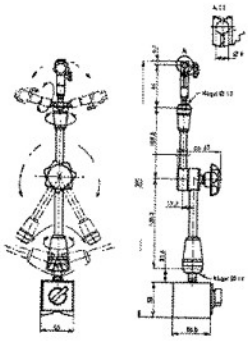
Description

The dial indicator can be fixed in any position using the clamping

Features

Clamping device:	magnetic
Clamping force (vertical):	750 N
Base size (LxWxH):	58.5 x 50 x 55 mm
Total height:	397 mm
Fine adjustment:	with fine feed wheel 1.3 mm/rotation
Stem hole \varnothing:	8 mm, dovetail
Working radius:	280 mm
Thread Arm/Base:	M8 x 1.25
Mass:	1.85 kg

Dimensions



Digital pocket calipers ULTRA active inox in box

Depth gauge angular

200x50/0,01mm

Product number: 6850102

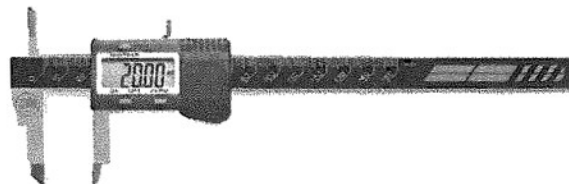
EAN / 4066918102485

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 0.48kg



Product description

- DIN 862
- Locking screw
- Hardened stainless steel
- Large LCD display
- Measuring speed 3m/s
- Cross points
- Depth gauge angular
- 4-way measurement
- Battery CR 2032 3V

Delivered in a case

Functions:

- Auto Off
- mm/inch commutation
- Zero setting at any position

Technical Data

Size:	200x50/0,01mm
Article number:	6850102
Brand:	ULTRA
Cross points:	Yes
Depth gauge:	Angular
Jaw length:	50mm
Locking screw:	Yes
Material stainless steel:	Hardeneu
Measuring range:	200mm / 8 inch
Reading:	0,01mm / .0005 inch
Weight:	0.48kg

Universal bevel protactor in box
Stainless steel, fine adjustment
300mm (5'1/12°)

Product number: 2006103

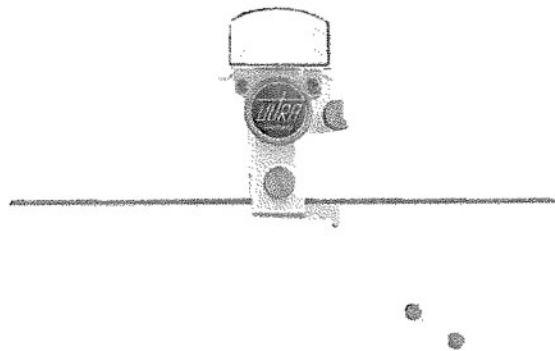
EAN / 4066918077523

GTIN:

Customs code: 90178090

Delivery method: Parcel delivery service

Weight: 0.28kg



Product description

- Works standard
- Hardened stainless steel
- Reading parts satin chrome
- Clamping and movable rule
- Parallax free reading 5' / 1/12°
- Magnifying glass
- Measuring range 4x90°

Delivered in a case

Technical Data

Size: 300mm (5'1/12°)

Article number: 2006103

Brand: ULTRA

Length: 300mm

Weight: 0.28kg

**External micrometers ULTRA active, interchangeable inserts
Tungst. carb. meas. face Ø 8mm, pitch 0,5mm, setting gauge
500-600/0,01mm**

Product 5013207

number:

EAN / 4066918094216

GTIN:

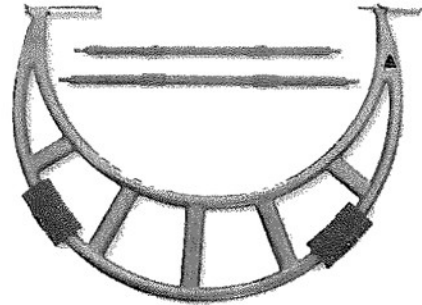
Customs 9017300L

code:

Delivery Parcel delivery service

method:

Weight: 9kg



Product description

- DIN 863
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces Ø 8mm
- Spindle pitch 0.5mm
- Spindle clamping with lever
- Ratchet stop
- Pipe frame with insulated pads

Delivered in a case, including setting gauges

Technical Data

Size:	500-600/0,01mm
Article number:	5013207
Brand:	ULTRA
Frame:	Pipe
Insulated pads:	Yes
Meas. faces tungstencarbide:	Ø 8mm
Measuring range:	500-600mm
Reading:	0,01mm
Reading parts:	Satin chrome plated
Setting gauges:	525/575mm
Spindle pitch:	0,5mm
Weight:	9kg

Feeler gauge sets

Anti-magnetic brass leaves

0,05-1,00mm (13) 13x100mm

Product number: 5150503

EAN / 4066918096727

GTIN:

Customs code: 90318020

Delivery method: Parcel delivery service

Weight: 0.07kg



Product description

- Anti-magnetic brass leaves
- Nominal size marked
- Conical leaf 13 x 100mm
- Frame with locking screw

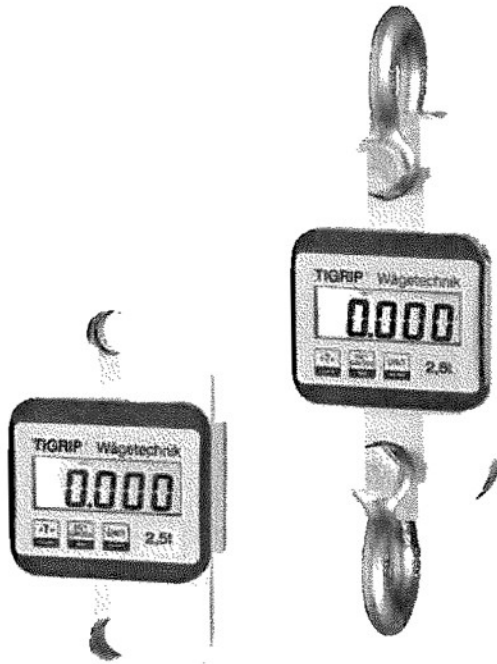
Delivered in individual packages

Set composition:

- 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-0,60-0,70-0,80-0,90-1,00mm

Technical Data

Size: 0,05-1,00mm (13) 13x100mm
Article number: 5150503
Brand: ULTRA
Leaves: 13
Measuring range: 0,05-1mm
Weight: 0.07kg



- TZR with digital display and radio control

The load indicator can be operated via radio control. The displayed values can be taken off the remote control device and can be transmitted to a PC. The system can be combined with an easy-to-read display. Several measured values can be totalled and saved.

Features

- TZR load indicator has the same features like the model TZL plus
- Remote control and data exchange via radio transmission
- USB interface
- Accumulation memory

Option

- External easy-to-read display

Scope of delivery

- Load indicator
- Remote control with display
- 7 x 1.5 V AA batteries
- Carrying case
- Test certificate
- Without shackles and hooks
- PC cable
- User software



Load indicator

Measuring range 0 - 100t

The Tigrip® load indicator is a mechanical measuring instrument with electronic display. On account of its flexibility the Tigrip® load indicator has universal applications. Whether used as a conventional crane weigher or to measure forces, it is the economical choice for various applications. It can be used in conjunction with shackle and hooks.

The load indicator is provided with liquid crystal display (LCD), which can tare as well as show either the gross or the net load. It also indicates overload at 110% of the rated capacity and the status of the battery.

- TZL with digital display

Features

- High accuracy
- Lightweight design
- Easy-to-read display
- Easy to use
- Robust design
- Retains the peak value to memory
- The battery capacity provides for around 200 operating hours
- Automatic setting to zero when load indicator switched on
- Use of rechargeable batteries possible (external battery charger*)
- Display of maximum weight (gross/net)
- Display of measuring units on the load indicator
- Measuring units kg, t, lbs, to, kN
- Automatic stand-by for a prolonged battery lifetime
- Simple change of batteries
- Warning if batteries are low
- Overload warning

Scope of delivery

- Load indicator
- 4 x 1.5 V AA batteries
- Carrying case
- Test certificate
- Without shackles and hooks

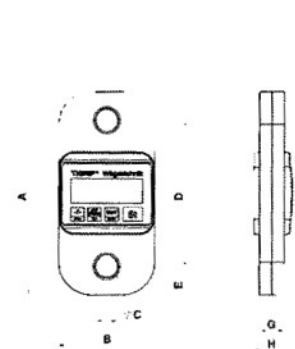
* not part of the delivery package

Technical data TZL and TZR

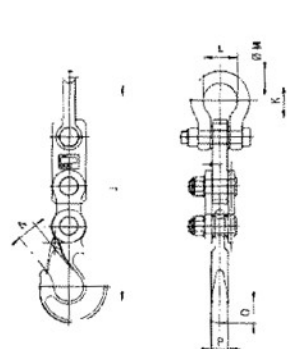
Model	TZL 2.5 -	TZL 5.0 -	TZL 10.0 TZR 10.0	TZL 20.0 TZR 20.0	- TZR 35.0	- TZR 50.0	- TZR 100.0
Art.-No. IZL	N53808324	N53808325	N53808326	N53808327			
Art.-No. TZL shackles	CM851A	N42000064	N42000065	N42000069			
Art.-No. TZL hooks	N53818351	N53818352	N53818322	N53818324			
Art.-No. TZR			N53808333	N53808335	N53808336	N53808337	N53808338
Art.-No. TZR shackles			N42000069	N42000069	N42000071	N42000072	N42000073
Art.-No. TZR hooks			N53818333	N53818324	N53818333	N53818328	N53818339
Measuring range, t	2.5	5	10	20	35	50	100
Limit load, t	5	10	20	40	70	100	200
Breaking load, t	10	20	40	80	140	200	400
Breaking load, t	10	20	40	80	140	200	400
Weight without lifting accessories, kg	1.7	2.1	3.5	6.8	14	14.4	19
Accuracy of the end value	± 2	± 2	± 2	± 2	± 2	± 2	± 2
Resolution step, kg (partition)	1	1	10	10	1	1	1
Operation time, approx., h ¹				20			
Temperature range (operator)				-10 °C up to +50 °C			
Temperature range (storage ²)				20 °C up to +50 °C			
Protection				IP 54			
Display (LCD 20.5 mm high)				4 1/2 digits			
Tare range				100% of rated capacity			
Overload warning				Overload warning at 110% of the rated capacity			

Dimensions TZL and TZR

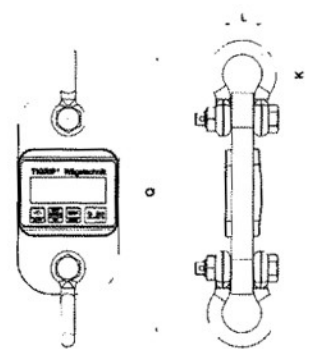
Mode	TZL 2.5 -	TZL 5.0 -	TZL 10.0 TZR 10.0	TZL 20.0 TZR 20.0	- TZR 35.0	- TZR 50.0	- TZR 100.0
A	232	250	325	378	405	45	54
B, mm	118	118	118	141	156	18	26
C, mm	22	27	48	55	36	9	10
D, mm	172	18	212	233	47	64	38
E, mm	19	21	22	32	4	5	8
G, mm	25	30.5	47	5	5	7	9.5
H, mm	42	45	4.4	4	4	34	112
J, mm	504	610	590	78	100	111	
K, mm	34	50	107	3	130	140	3
L, mm	38	44	35	35	114	132	3
M, mm	16	19	35	27	44	51	36
N, mm	25	32	50	3	116	115	
O, mm	23	37	53	3	123	132	
P, mm	17	28	44	37	90	97	
Q, mm	306	311	525	552	365	72	124



Load indicator TZL/TZR 2.5 up to 100.0t



Load indicator TZL/TZR with hook



Load indicator TZL/TZR with shackle

**Internal micrometers, 3-point ULTRA active in box
for through holes, T/C measuring faces, without setting ring
200-225/0,005/140mm**

Product number: 6020124

EAN / 4066918102077

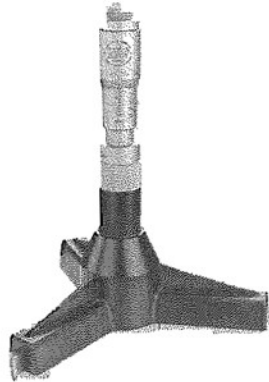
GTIN:

Customs code: 90173000

code:

Delivery method: Parcel delivery service

Weight: 4.3kg



Product description

- Works standard
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces
- Spindle pitch 0.5mm
- Sturdy ratchet

6020 1.. : For measuring through holes

6021 1.. : For measuring blind holes

Delivered in a case, without setting ring

Technical Data

Size:	200-225/0,005/140mm
Article number:	6020124
Brand:	ULTRA
Accuracy:	0,008mm
Measuring depth:	140mm
Measuring range:	200-225mm
Reading:	0,005mm
Reading parts:	Satin chrome plated
Setting ring:	Without
Size b:	18mm
Size c:	18mm
Spindle pitch:	0,5mm
Type:	Through holes
Weight:	4.3kg

**Internal micrometers, 3-point ULTRA active in box
for through holes, T/C measuring faces, without setting ring
225-250/0,005/140mm**

Product number: 6020125

EAN / 4066918102089

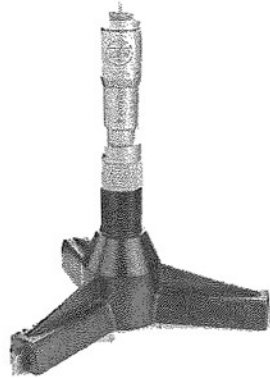
GTIN:

Customs code: 90173000

code:

Delivery method: Parcel delivery service

Weight: 4.5kg



Product description

- Works standard
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces
- Spindle pitch 0.5mm
- Sturdy ratchet

6020 1.. : For measuring through holes

6021 1.. : For measuring blind holes

Delivered in a case, without setting ring

Technical Data

Size:	225-250/0,005/140mm
Article number:	6020125
Brand:	ULTRA
Accuracy:	0,008mm
Measuring depth:	140mm
Measuring range:	225-250mm
Reading:	0,005mm
Reading parts:	Satin chrome plated
Setting ring:	Without
Size b:	18mm
Size c:	18mm
Spindle pitch:	0,5mm
Type:	Through holes
Weight:	4.5kg

**Internal micrometers, 3-point ULTRA active in box
for through holes, T/C measuring faces, without setting ring
250-275/0,005/140mm**

Product number: 6020126

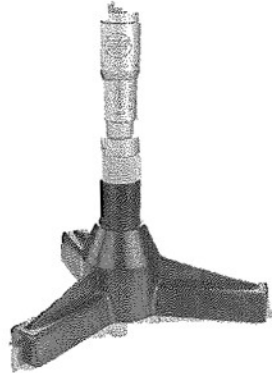
EAN / 4066918102096

GTIN:

Customs code: 90173000

Delivery method: Parcel delivery service

Weight: 5kg



Product description

- Works standard
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces
- Spindle pitch 0.5mm
- Sturdy ratchet

6020 1.. : For measuring through holes

6021 1.. : For measuring blind holes

Delivered in a case, without setting ring

Technical Data

Size:	250-275/0,005/140mm
Article number:	6020126
Brand:	ULTRA
Accuracy:	±0,009mm
Measuring depth:	140mm
Measuring range:	250-275mm
Reading:	0,005mm
Reading parts:	Satin chrome plated
Setting ring:	Without
Size b:	18mm
Size c:	18mm
Spindle pitch:	0,5mm
Type:	Through holes
Weight:	5kg

**Internal micrometers, 3-point ULTRA active in box
for through holes, T/C measuring faces, without setting ring
275-300/0,005/140mm**

Product 6020127
number:

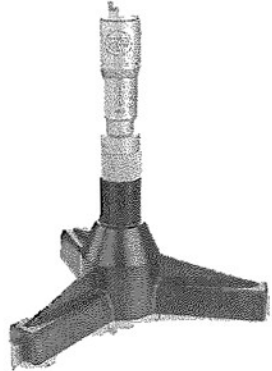
EAN / 4066918102102

GTIN:

Customs 90173000
code:

Delivery Parcel delivery service
method:

Weight: 5.3kg



Product description

- Works standard
- Satin chrome reading parts
- Tungsten carbide-tipped measuring faces
- Spindle pitch 0.5mm
- Sturdy ratchet

6020 1.. : For measuring through holes

6021 1.. : For measuring blind holes

Delivered in a case, without setting ring

Technical Data

Size:	275-300/0,005/140mm
Article number:	6020127
Brand:	JLTRA
Accuracy:	0,009mm
Measuring depth:	140mm
Measuring range:	275-300mm
Reading:	0,005mm
Reading parts:	Satin chrome plated
Setting ring:	Without
Size b:	18mm
Size c:	18mm
Spindle pitch:	0,5mm
Type:	Through holes
Weight:	5.3kg

Groove Calipers

„Absolute“ Digital Caliper for Inside or Outside Grooves • IP54

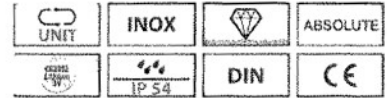
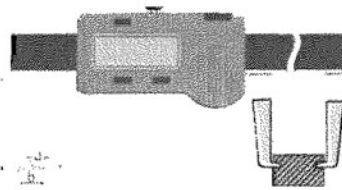
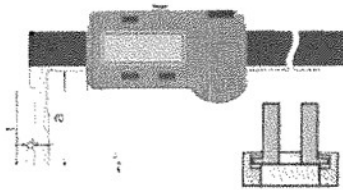
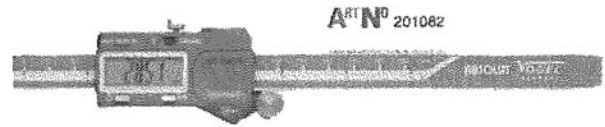
DIN 862

- art. no. 201082 – 201084 for inside groove measurement
- art. no. 201096 – 201098 for outside groove measurement
- top model for industry purposes
- with glass rail for more accuracy
- spray water proof acc. to DIN 40050 / IEC 60529
- with data output, top model (connectivity also for Digimatic measuring devices)

- 7 quality, stainless steel, hardened
- large LCD display with clear reading, 9 mm digit height
- jaws finely ground and lapped, with fixing screw
- On/Off button, with „ORIGIN“ system, with thumb
- touch switchable, zero setting at any position
- 1x 3 V battery (type CR2032)

Options

- data transfer via RS485, art. no.: 2420194, see page 272
- data transfer via WiFi, art. no.: 2040101, see page 272
- data transfer via Bluetooth, art. no.: 2023106 – 209006, see page 272

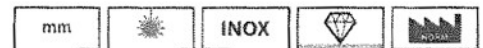
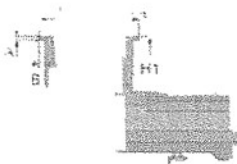


ART NO	Type	Range	Resolution	Accuracy	Max. Meas. Length	Max. Meas. Depth	Max. Meas. Width	Max. Meas. Height	Weight
201082	inside	20 – 150 / 0 – 1	0.01 / 0.0005	0.02	0.03 / 0.0015	30	30	1.00	3.00
201083	side	15 – 200 / 0 – 1	0.01 / 0.0005	0.02	0.03 / 0.0015	16	30	1.00	3.00
201084	inside	10 – 300 / 0 – 1	0.01 / 0.0005	0.01	0.04 / 0.0020	50	50	1.00	4.50
201096	outside	0 – 150 / 0 – 6	0.01 / 0.0005	0.02	0.03 / 0.0015	40	15	1.00	6.00
201097	outside	0 – 200 / 0 – 6	0.01 / 0.0005	0.02	0.03 / 0.0015	51	19	1.80	7.00
201098	outside	0 – 200 / 0 – 6	0.01 / 0.0005	0.02	0.04 / 0.002	60	20	1.80	8.00

Groove Caliper

- to measure groove dimensions

- stainless steel, hardened
- scale and vernier scale laser engraved scale
- with fixing screw



ART NO	Range	Resolution	Accuracy	Max. Meas. Length	Max. Meas. Depth	Max. Meas. Width	Max. Meas. Height	Weight
201075	10 – 100	0.05	0.05	3.5	20	10	1.00	on request
201076	20 – 160	0.05	0.05	5	10	10	1.00	on request
201077	26 – 200	0.05	0.05	5	10	10	1.00	on request
201085	30 – 250	0.05	0.05	5	10	10	1.00	on request
201086	35 – 300	0.05	0.05	5	10	10	1.00	on request

Digital external micrometers ULTRA active in box
Tungst. carb. meas. face \varnothing 6,5mm, pitch 0,5mm, setting gauge
75-100/0,001mm IP65

Product 6200104
number:

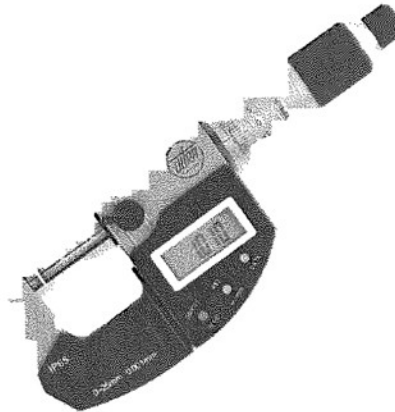
EAN / 4066918102263

GTIN:

Customs 90173000
code:

Delivery Parcel delivery service
method:

Weight: 1.18kg



Product description

- DIN 863
- Protection class IP65
- Large LCD display
- Tungsten carbide-tipped measuring faces \varnothing 6.5mm
- Spindle pitch 0.5mm
- Spindle clamping with lever
- Ratchet stop
- Measuring force 5 – 10 N
- Insulated pads
- Battery CR 2032 3V

Delivered in a case, from 25 – 50mm including setting gauge

Functions:

- On/Off
- mm/inch commutator
- Zero setting at any position
- Preset function +
- ABS function
- Data output DIGIMATIC

Technical Data

Size:	75-100/0,001mm IP65
Article number:	6200104
Brand:	ULTRA
Data output:	Digital
Insulated pads:	Yes
Meas. faces tungsten carbide:	Ø 6,5mm
Measuring range:	75-100mm / 3-4 inch
Protection class:	IP65
Reading:	0,001mm/0,0005 inch
Spindle pitch:	0,5mm
Weight:	1.18kg