

KERN UFA 6T-3L

Highly versatile weighing beams (IP67) for large loads to 6000 kg



Display segments	5 + 1/2
Display digit height	52 mm

Construction

Dimension display device (W×D×H)	250×160×65 mm
Dimensions weighing surface (W×D)	2000×160 mm
Dimensions weighing surface	2000×160 mm
Dimensions weighing platform (W×D×H)	2091×160×115 mm
Material weighing plate	steel, lacquered
Material platform	steel, lacquered
Material display housing	plastic
Material load cell(s)	alloyed steel
Levelling feet adjustable	✓
Stand inclinable	✓
Wall mount	✓
Transport wheels	✓
Display device cable length	5 m
Allowed cable length display device [Max]	20 m
Cable length between weighing beam	5 m
Load cells - number	4

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Reference quantity	10, 20, 50, 100, 200
IP protection - display	no IP protection
IP protection - load cell	IP67
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Auto-off interval(s) in mains power mode	selectable
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory)
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Category

Brand	KERN
Product category	Industrial scale
Product group	Weighing beam
Product family	UFA

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6000 kg
Readability [d]	2 kg
Reproducibility	2 kg
Linearity	± 4 kg
Resolution	3.000
Tare range	-6000 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6000 kg (M2)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	4 kg
Construction type of the scale	Single-range balance
Units	kg g lb oz lb:oz
Load cell connection	6-wire
Maximum creep (15 minutes)	8 kg
Maximum creep (30 minutes)	16 kg
Default unit	kg
Loadcell type	ZEMIC H8C 3 ton

Display

Display type	LCD
Display backlight	✓

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analogue (0 - 10 V)
(optional, factory)
analogue (4 - 20 mA)
(optional, factory)

Article number for DAkkS calibration 963-132

Article number for certificate of conformity 969-517

Power Supply

Supplied power supply Power supply unit

Power supply type Power adapter

Plug-in power supply / adapter for countries - included with the delivery
EURO
UK
US
CH

Plug-in power supply / adapter for countries - optional
EURO
AUS
UK
US
CH

Power supply - Cable length 180 cm

Input voltage power supply / power [Max] 110 V - 230 V AC

Input voltage device / power [Max] 12 V, 500 mA

Power socket for mains adapter
Hollow plug, inside plus,
Ø outside 5,5 mm, Ø
inside 2,1 mm, long 9,5
mm

Battery / accumulator type Pb

Rechargeable battery 6 V, 1.2 Ah

Rechargeable battery operating time - backlight on 8 h

Rechargeable battery operating time - backlight off 35 h

Rechargeable battery charging time 10 h

Rechargeable battery optional Rchrg. battery optional (factory)

Environmental conditions

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Humidity of environment [Min] 0 %

Humidity of environment [Max] 80 %

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

Approval

CE mark ✓

Services (optional)

Article number for adjustment at the location of installation 961-252

Packing & Shipping

Delivery time 2 d

Dimensions packaging (W×D×H) 2170×450×380 mm

Shipping method Freight

Net weight approx. 130 kg

Gross weight approx. 175 kg

Shipping weight 171 kg

Product information

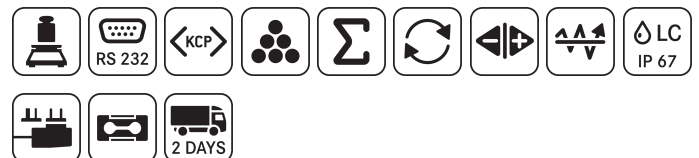
GTIN/EAN number 4045761194625

Trade number 84238920

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

