

KERN UFA 6T-3L

KERN

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



Display backlight	✓
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

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
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	4 kg
Load cell connection	6-wire
Construction type of the scale	Single-range balance
Units	kg g lb oz lb:oz
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
--------------	-----

KERN UFA 6T-3L



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

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
------------	---

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
Article number for DAkkS calibration	963-132
Article number for certificate of conformity	969-517

Packing & Shipping

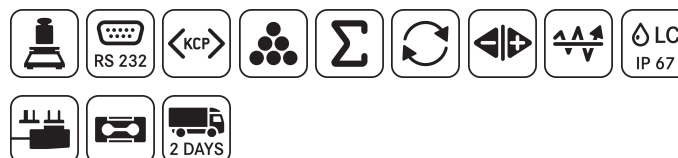
Delivery time	2 d
Dimensions packaging (W×D×H)	2170×450×380 mm
Shipping method	Freight
Net weight approx.	130 kg
Gross weight approx.	175 kg
Shipping weight	171 kg

Product information

GTIN/EAN number	4045761194625
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

