

PRODUCT BROCHURE

KERN UID 3000K-0M

Date: 29.04.2025

ENGLISH



Pallet scale with and a wide range of interfaces, verification optional

CONTACT

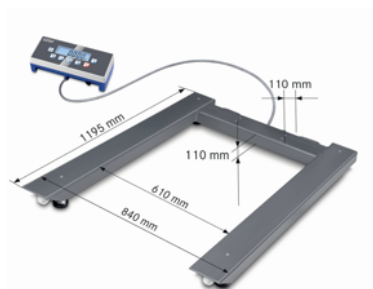
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PRODUCT SHOWCASE



DESCRIPTION

- High mobility thanks to rechargeable battery operation (optional)
- Display device: Protection against dust and water splashes IP65
- Load support: steel, powder coated, 4 load cells, alloy steel, silicone-coated, protection against dust and water splashes IP67
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Totalising of weights and piece counts
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol
- Thanks to interfaces such as RS-232 or USB, WiFi, Bluetooth, Ethernet (optional), the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- Protective working cover included with delivery

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	UID 3000K-0M
Model-Serie	UID

Assortment	KERN
Product Type	Industrial scales
Product group	Pallet scales
Product usage type	Main article
EAN code (Model)	4045761230248

Customs tariff number 84238220

CE Label yes

Technical data - Primary

Weighing capacity 3000 kg

Readability 1 kg

Minimum load (Min) 20 kg

Net weight 44 kg

Technical data - Construction

Dimensions display casing (W×D×H) 268×115×80 mm

Material weighing plate steel, powder-coated

Bubble Level yes

Revolving screw feet yes

Weighing surface (d) 1195×840 mm

Dimensions of weighing plate (W×D) 1195×840 mm

Indicator cable length 5 m

Wall mount yes

Dimension weighing platform (W×D×H) 1195×840×110 mm

IP protection indicator IP65

IP protection load cell IP67

Technical data - Display

Display height 25 mm

Backlight yes

Technical data - Power supply

Battery no battery

Mains adapter/adaptor included EURO;UK;US

Charging time 3 h

Input Voltage 100V-240V AC 50/60Hz
0.4 Amax

Operating time (Backlight off) 43 h

Rechargeable battery Rchrg. battery optional - intern

Technical data - Measuring system

Calibration method Adjusting with external weight

Linearity ± 3 kg

Readability 1 kg

Recommended adjusting weight 3000 kg (M1)

Repeatability 1 kg

Resolution 3.000

Tare range -3000 kg

Warm up time 10 min

Weighing units g;Hj;kg;lb;oz;PCS;tj

load cell connection 4-guide

Technical data - Environmental conditions

Maximum humidity 95 %

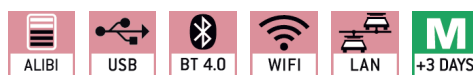
Maximum operating temperature 40 °C

Minimum ambient temperature -10 °C

Minimum humidity 10 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	1270×900×260 mm
Gross weight	65 kg
Net weight	44 kg
Shipping method	Freight
Packaging component - by weight - cardboard	420 g
Packaging component - by weight - wood	20580 g
Delivery time	2 d



Optional Services

DAkkS Calibration	963-132
Verification	965-232

Technical data - Verification

Verification value (e)	1 kg
Minimum Load Min	20 kg
Verification by KERN possible	yes
Verification class	III

FUNCTIONS

Standard	
Option	
Factory	

ACCESSORIES

Model	Description
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
911-013	Matrix needle printer KERN 911-013
BFB-A03	Cable KERN BFB-A03
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
EOC-A01	Protective Working Cover KERN EOC-A01
EOC-A04	Bracket KERN EOC-A04
KIB-A02	interface KIB-A02
KIB-A03	Data Interface KERN KIB-A03
KIB-A06	Signal lamp KIB-A06
KIB-A01	Alibi memory KERN KIB-A01
EOB-A02B	Column for KERN EOB-A02B
YKA-20	Power Adapter KERN YKA-20
EOC-A12	Interface cable EOC-A12
KIB-A10	Data Interface KERN KIB-A10
KIB-A05	Data Interface KERN KIB-A05
KIB-A13	Alibi memory KERN KIB-A13
YKH-01	Thermal printer KERN YKH-01
YKC-01	Thermal printer KERN YKC-01

SERVICES

Model	Description
965-232	Verification / Conformity assessment according to NAWI (2014/31/EU) KERN 965-232
965-403	Cable extension 965-403
965-404	Cable extension 965-404
965-405	Cable extension 965-405
963-132	DAkkS Calibration KERN 963-132
961-252	Adjustment at the location of installation 961-252
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate) 969-517
970-106	Warranty extension KERN (+2 years) 970-106

SPARE PARTS

Model	Description
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
EOC-A01	Protective Working Cover KERN EOC-A01
YKA-20	Power Adapter KERN YKA-20
RKIB-5001	Power socket KERN RKIB-5001
RKIB-8002	Rubber base display KERN RKIB-8002
RKIB-TM-3001	LCD Display RKIB-TM-3001
RKIB-TM-4001	Keyboard overlay KERN RKIB-TM-4001
RBIC-8001	Adjustable base foot RBIC-8001
RBID-5001	Cable RBID-5001
RUIB-8001	Transport roller KERN RUIB-8001
RBID-1002	Load cell KERN RBID-1002
RKIB-8001	Battery compartment cover KERN RKIB-8001
RTUID-1003	Load cell KERN RTUID-1003
RUIB-8002	Adjustable base foot KERN RUIB-8002
REOC-2002	Processor PCB KERN REOC-2002

SOFTWARES

Model	Description
SET-17	KERN EasyTouch SET-17 PrePack
SET-01	KERN EasyTouch SET-01 Base
SET-21	KERN EasyTouch SET-21 Formulation
SET-22	KERN EasyTouch SET-22 Difference
SET-31	KERN EasyTouch SET-31 Tolerance
SET-32	KERN EasyTouch SET-32 Count
SET-33	KERN EasyTouch SET-33 Target Count
SET-04	KERN EasyTouch SET-04 Density
SET-05	KERN EasyTouch SET-05 Dynamic
SET-06	KERN EasyTouch SET-06 Classification
SET-07	KERN EasyTouch SET-07 Variable
SET-08	KERN EasyTouch SET-08 Take-out

Model	Description
SET-10	KERN EasyTouch SET-10 Save Server
SET-11	KERN EasyTouch SET-11 Safety
SET-16	KERN EasyTouch SET-16 Batch and Statistics
SET-14	KERN EasyTouch SET-14 Individual Print
SET-28	KERN EasyTouch SET-28 Customization Service
SET-35	KERN EasyTouch SET-35 Assembly Count
SET-18	KERN EasyTouch SET-18 Container Master
SET-46	KERN EasyTouch SET-46 Backup Scheduler
SET-51	KERN EasyTouch SET-51 Audit Logs
SET-411	KERN EasyTouch SET-411 Hotkeys

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Minimum load (Min)	Net weight
UID 1500K-1M	1500 kg	0.5 kg	10 kg	44 kg
UID 600K-1M	600 kg	0.2 kg	4 kg	44 kg
UID 3000K-0M	3000 kg	1 kg	20 kg	44 kg
UID 1500K-1DM	600 kg; 1500 kg	0.2 kg; 0.5 kg	4 kg; 10 kg	44 kg
UID 600K-1DM	300 kg; 600 kg	0.1 kg; 0.2 kg	2 kg; 4 kg	44 kg
UID 3000K-0DM	1500 kg; 3000 kg	0.5 kg; 1 kg	10 kg; 20 kg	44 kg