

KERN UFA 3T1

Highly versatile weighing beams (IP67) for large loads to 3000 kg



Article codes, product groups & Status information

Model article-code	UFA 3T1
Model-Serie	UFA
Assortment	Scales
Product Type	Industrial balance
Product group	Floor scales
Product usage type	Main article
EAN code (Model)	4045761194571
Predecessor Model	UFA 3T1-2.016a
Planned start date	2017-2HJ
Customs tariff number	84238220
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Weighing capacity	3.000 kg
Readability	1 kg
Net weight	38 kg
Platform size	1.200×120 mm

Technical data - Construction

Dimensions display casing (W×D×H)	250×160×65 mm
Material weighing plate	Steel, lacquered
Revolving screw feet	Yes
Weighing surface (d)	1.200×120 mm
Dimensions of weighing plate (W×D)	1.200×120 mm

Indicator cable length	5 m
Wall mount	Yes
Dimension weighing platform (W×D×H)	1.270×170×83 mm
IP protection indicator	No IP protection
IP protection load cell	IP67

Technical data - Display

Display height	52 mm
Backlight	Yes

Technical data - Power supply

Mains adapter/adapter included	CH;EURO;UK;US
Charging time	10 h
Input Voltage	110 V - 230 V AC
Operating time (Backlight off)	35 h

Rechargeable battery	Rchrg. battery optional (factory)
Interfaces	Analog (0 - 10 V) (optional, factory);Analog (4 - 20 mA) (optional, factory);Bluetooth BTC (v2.0) (optional, factory);RS-232 serienmäßig

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 2 kg
Readability	1 kg

KERN UFA 3T1

Highly versatile weighing beams (IP67) for large loads to 3000 kg



Recommended adjusting weight	3.000 kg (M2)
------------------------------	---------------

Repeatability	1 kg
---------------	------

Resolution	3.000
------------	-------

Stabilisation time under laboratory conditions	2 s
--	-----

Tare range	-3.000 kg
------------	-----------

Warm up time	10 min
--------------	--------

Weighing system	Strain gauge
-----------------	--------------

Weighing units	G;kg;lb;lb:oz;oz
----------------	------------------

load cell connection	6-Leiter
----------------------	----------

DAkkS Calibration	963-132
-------------------	---------

Technical data - Environmental conditions

Maximum humidity	80 %
------------------	------

Maximum operating temperature	40 °C
-------------------------------	-------

Minimum ambient temperature	-10 °C
-----------------------------	--------

Minimum humidity	0 %
------------------	-----

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	1.320×495×345 mm
------------------------------	------------------

Gross weight	65 kg
--------------	-------

Net weight	38 kg
------------	-------

Shipping method	Freight
-----------------	---------

Packaging component - by weight - cardboard	480 g
---	-------

Packaging component - by weight - wood	23.520 g
--	----------

Delivery time	3 d
---------------	-----

Optional Services

Functions

Standard

Option

DAkkS

Factory

