

KERN 572-31

All-rounder, e.g. as precision balance in the laboratory or in harsh industrial applications, ideal for the diverse possibilities of Industry 4.0 applications



Article codes, product groups & Status information

Model article-code	572-31
Model-Serie	572
Assortment	KERN
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761356832
Predecessor Model	572-31-2.021a
Successor Model	572-32
Planned start date	2022-2HJ
Customs tariff number	90160010
Model Status	Yes
CE Label	Yes

Technical data - Primary

Weighing capacity	300 g
Readability	0,001 g
Repeatability	0,002 g
Linearity	± 0,005 g
Minimum piece weight	10 mg
Weighing surface (d)	106 mm

Technical data - Construction

Dimension housing (W×D×H)	180×310×85 mm
Bubble Level	Yes

Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Cast aluminium
Weighing surface (d)	106 mm
Dimensions of weighing plate (diameter)	106 mm
Dimensions draft shield, inner (Ø×H)	157×43 mm
Material draft shield	Coated metal

Technical data - Display

Display height	21 mm
Backlight	Yes

Technical data - Power supply

Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Operating time (Backlight off)	48 h
Rechargeable battery	Rchrg. battery optional (factory)
Interfaces	Bluetooth (optional);Ethernet (optional);KUP;RS-232 (optional);USB-Device (optional);WLAN (optional)

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0,005 g
Minimum weight (USP)	4 g

KERN 572-31

All-rounder, e.g. as precision balance in the laboratory or in harsh industrial applications, ideal for the diverse possibilities of Industry 4.0 applications



Readability	0,001 g
-------------	---------

Recommended adjusting weight	300 g (F1)
------------------------------	------------

Repeatability	0,002 g
---------------	---------

Stabilisation time under laboratory conditions	3 s
--	-----

Warm up time	120 min
--------------	---------

DAkkS Calibration	963-127
-------------------	---------

Technical data - Environmental conditions

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

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

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

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	400×340×220 mm
------------------------------	----------------

Gross weight	3,4 kg
--------------	--------

Net weight	2,4 kg
------------	--------

Shipping method	Parcel service
-----------------	----------------

Packaging component - by weight - cardboard	550 g
---	-------

Packaging component - by weight - styrofoam	550 g
---	-------

Delivery time	1 d
---------------	-----

Technical data - Counting data

Counting resolution	300.000
---------------------	---------

Minimum piece weight at piece counting (Laboratory)	1 mg
---	------

Minimum piece weight	10 mg
----------------------	-------

Optional Services

Functions

Standard

Option

Factory
