

KERN 572-55

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

KERN®

Article codes, product groups & Status information

Model article-code	572-55
Model-Serie	572
Assortment	KERN
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761356924
Predecessor Model	572-55-2021a
Planned start date	2022-2HJ
Customs tariff number	90160010
CE Label	Yes

Technical data - Primary

Weighing capacity	20 kg
Readability	0.00005 kg
Repeatability	0.0001 kg
Linearity	± 0.00025 kg
Minimum piece weight	500 mg
Weighing surface (d)	160×200 mm

Technical data - Construction

Dimensions of housing	180×310×85 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes

Casing material	Cast aluminium
-----------------	----------------

Dimensions of weighing plate (W×D)	160×200 mm
------------------------------------	------------

Weighing surface (d)	160×200 mm
----------------------	------------

Technical data - Display

Display height	21 mm
----------------	-------

Backlight	Yes
-----------	-----

Technical data - Power supply

Mains adapter/adaptor 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)
----------------------	-----------------------------------

Technical data - Measuring system

Calibration method	Adjusting with external weight
--------------------	--------------------------------

Linearity	± 0.00025 kg
-----------	--------------

Minimum weight (USP)	200 g
----------------------	-------

Readability	0.00005 kg
-------------	------------

Recommended adjusting weight	20 kg (F1)
------------------------------	------------

Repeatability	0.0001 kg
---------------	-----------

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

Warm up time	4 h
--------------	-----

Technical data - Environmental conditions

KERN 572-55

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



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 4.4 kg

Net weight 2.8 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 850 g

Packaging component - by weight - plastics 850 g

Delivery time 1 d

Technical data - Counting data

Counting resolution 400000

Minimum piece weight at piece counting (Laboratory) 50 mg

Minimum piece weight 500 mg

Optional Services

DAkKS Calibration 963-128

Functions

Standard



Option



Factory

