

KERN 572-39

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	572-39
Model-Serie	572
Assortment	KERN
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761356887
Predecessor Model	572-37; 572-39-2.021a
Planned start date	2022-2HJ
Customs tariff number	90160010
CE Label	Yes

Technical data - Primary

Weighing capacity	4.200 g
Readability	0,01 g
Repeatability	0,02 g
Linearity	± 0,05 g
Minimum piece weight	100 mg
Weighing surface (d)	150 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
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Weighing surface (d)	150 mm
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Dimensions of weighing plate (diameter)	150 mm
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Technical data - Display

Display height	21 mm
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Backlight	Yes
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Technical data - Power supply

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

Calibration method	Adjusting with external weight
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Linearity	± 0,05 g
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Minimum weight (USP)	40 g
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Readability	0,01 g
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Recommended adjusting weight	4 kg (E2)
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Repeatability	0,02 g
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Stabilisation time under laboratory conditions	3 s
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Warm up time	4 h
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Technical data - Environmental conditions

Maximum humidity	80 %
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Maximum operating temperature	40 °C
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Minimum ambient temperature	-10 °C
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Technical data - Packing & Shipping

Dimensions packaging (WxDxH)	400x340x220 mm
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Gross weight	4,4 kg
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Net weight	2,4 kg
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Shipping method	Parcel service
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Packaging component - by weight - cardboard	1.050 g
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Packaging component - by weight - styrofoam	1.050 g
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Delivery time	1 d
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Technical data - Counting data

Counting resolution	420.000
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Minimum piece weight at piece counting (Laboratory)	10 mg
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Minimum piece weight	100 mg
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Optional Services

DAkkS Calibration	963-127
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Functions

Standard

Option

Factory
