

KERN ABS 220-4N

KERN

The bestseller in analytical balances, with high-quality single-cell weighing system



tl (HK)
ozt
tl (Singap, Malays)
ct
oz
tl (Cn)
mom

Display

| | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display backlight | no |
| Display screen size | 115×32 mm |
| Display digit height | 14 mm |
| Languages of the user interface | Symbol language |

Construction

| | |
|---|-----------------|
| Dimension housing (W×D×H) | 213×333×338 mm |
| Dimensions rectangular draught shield - inner (W×D×H) | 174×162×227 mm |
| Dimensions rectangular draught shield - outer (W×D×H) | 201×220×256 mm |
| Dimensions weighing surface (Ø) | 91 mm |
| Dimensions weighing surface | 91 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material draught shield | glass |
| Material display housing | Plastics |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |

Functions

| | |
|---|--------------------|
| Sum memory function | ✓ |
| Recipe/summing level | Rez A (Net total) |
| Percentage determination | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | visual |
| Underfloor weighing | None |
| Standby function | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 220.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 1 mg |
| Smallest piece weight when piece counting - normal conditions | 10 mg |
| Reference quantity | 5, 10, 20, 50, 100 |

Category

| | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Analytical balance |
| Product family | ABS-N |

Measuring System

| | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Single-Cell |
| Weighing capacity [Max] | 220 g |
| Weighing capacity [Max] (ct) | 1100 ct |
| Readability [d] | 0,0001 g |
| Readability carat [d] (ct) | 0,001 ct |
| Reproducibility | 0,0002 g |
| Linearity | ± 0,0003 g |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 400 mg |
| Resolution | 2.200.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 200 g (E2) |
| Possible calibration points | 100 g |
| Stabilization time | 3 s |
| Warm-up time | 8 h |
| Eccentric loading at 1/3 [Max] | 0,0005 g |
| Maximum creep (15 minutes) | 1 mg |
| Maximum creep (30 minutes) | 2 mg |
| Default unit | g |

Units

g
mg
gn
dwt
tl (Tw)

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Auto-off interval(s) in mains power mode 0 - 99 min

Tare function manual (multi)

Number of keys for operation 6

Interface

Interfaces RS-232 (optional)

Power Supply

Supplied power supply Power supply unit

Plug-in power supply type Power adapter

Plug-in power supply / adapter for countries - included with the delivery
EURO
UK
US
CH

Plug-in power supply / adapter for countries - optional
EURO
AUS
UK
US
CH

Input voltage power supply / power [Max] 110 V - 230 V AC

Input voltage device / power [Max] 12 V DC, 1000 mA

Environmental conditions

Ambient temperature [Min] 10 °C

Ambient temperature [Max] 30 °C

Humidity of environment [Min] 20 %

Humidity of environment [Max] 85 %

Storage temperature [Min] -10 °C

Storage temperature [Max] 50 °C

Approval

CE mark ✓

Services (optional)

Article number for DAkkS calibration 963-101

Article number for certificate of conformity (verification) 969-517

Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 395×570×525 mm

Net weight 6 kg

Shipping method Parcel service

Net weight approx. 6 kg

Gross weight approx. 9 kg

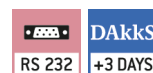
Shipping weight 23,6 kg

Pictograms

STANDARD



OPTION



ENRICO BRUNO s.r.l.
APPARECCHI SCIENTIFICI
SANITARI - INDUSTRIALI
www.enrico-bruno.it