

KERN 440-21A

The classic balance in the laboratory



Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	100-240V AC 50/60Hz 0.5A
Mains adapter/adaptor included:	EURO CH US UK
Operating time:	20 h
Operating time (Backlight off):	20 h
Rechargeable battery:	Rchrg. battery optional

Service

Adjustment at the location of installation: 961-247

DAkkS Certificate: 963-127

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	410 x 270 x 220 mm
Gross weight:	1,340 kg
Net weight:	930 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÃxH):	106 42
Dimensions housing (WxDxH):	165 x 230 x 80 mm
Weighing space (ÃxH):	90 40
Weighing surface (d):	81

Piktogramme

STANDARD



OPTION



Measuring system

Adjustment options:	External calibration
Linearity:	3 mg
Readability [d]:	1 mg
Recommended adjusting weight:	50 g (F2)
Repeatability:	1 mg
Resolution:	60000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	60 g
Weighing system:	Strain gauge
Weighing units:	ozt tl (HK) tol g mo dwt ct oz tl (Tw) gn

Display

Display digit height (large): 1,500 cm

Counting

Counting resolution:	30000
Minimum piece weight at piece counting (Laboratory):	2 mg
Minimum piece weight at piece counting (Normal):	20 mg

Functions

Counting function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes