

# KERN 440-49N

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:	CH EURO UK US
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):	210 x 350 x 175 mm
Gross weight:	1,628 kg
Net weight:	1,177 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	165 x 230 x 75 mm
Material weighing plate:	stainless steel
Weighing surface (WxD):	150 x 170 mm

## Piktogramme

### STANDARD



### OPTION



## Measuring system

Adjustment options:	External calibration
Linearity:	300 mg
Minimum weight (USP):	200 g
Readability [d]:	100 mg
Recommended adjusting weight:	2 kg (F2); 2 kg (F2)
Repeatability:	100 mg
Resolution:	40000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	2 h
Weighing capacity [Max]:	4 kg
Weighing system:	Strain gauge
Weighing units:	dwt g kg lb mo oz t (HK) t (Tw) tol

## Display

Display digit height:	1,500 cm
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## Counting

Counting resolution:	20000
Minimum piece weight at piece counting (Laboratory):	200 mg
Minimum piece weight at piece counting (Normal):	2 g

## Functions

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