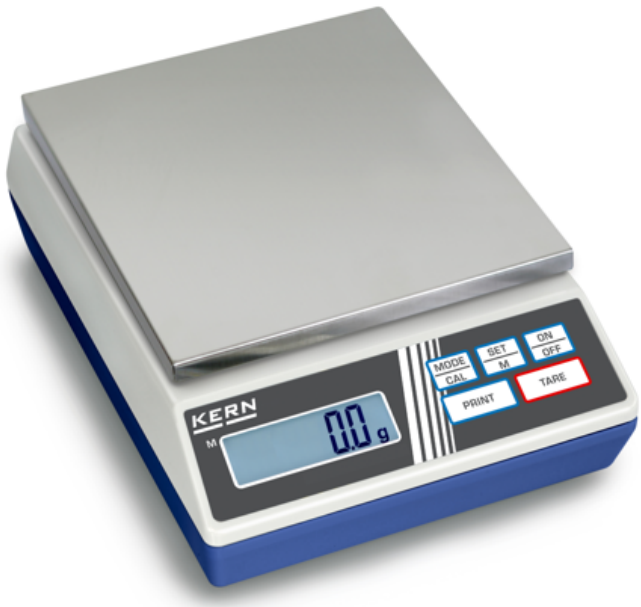
KERN 440-49A

The classic balance in the laboratory



Article codes, product groups & Status information	
Model article-code	440-49A
Model-Serie	440
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761068445
Predecessor Model	440-49N
Successor Model	PCB 6.000-1
Planned start date	2005b-1HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	6.000 g
Readability	0,1 g
Repeatability	0,1 g
Linearity	± 0,3 g
Minimum piece weight	2 g
Weighing surface (d)	150×170 mm

Technical data - Construction	
Dimension housing (W×D×H)	165×230×80 mm
Material weighing plate	Stainless steel
Casing material	Plastic
Dimensions of weighing plate (W×D)	150×170 mm
Weighing surface (d)	150×170 mm

Technical data - Display	
Display height	15 mm
Backlight	Yes

Technical data - Power supply	
Battery	9 V Block
Operating time	20 h
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	10 h
Input Voltage	100-240V AC 50/60Hz 5A
Operating time (Backlight off)	20 h
Rechargeable battery	Rchrg. battery optional
Interfaces	RS-232 standard

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,3 g
Minimum weight (USP)	200 g
Readability	0,1 g
Recommended adjusting weight	5 kg (F2)
Repeatability	0,1 g
Stabilisation time under laboratory conditions	3 s

Warm up time	120 min

Technical data - Environmental conditions	
Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	345×210×170 mm
Gross weight	1,6 kg
Net weight	1,2 kg
Shipping method	Parcel service
Packaging component - by weight - paper	17 g
Packaging component - by weight - cardboard	1.206 g
Packaging component - by weight - plastics	15 g
Packaging component - by weight - styrofoam	201 g
Packaging component - by weight - wood	0 g
Packaging component - by weight - foam	78 g
Delivery time	1 d

Technical data - Counting data	
Counting resolution	30.000
Mininum piece weight at piece counting (Laboratory)	200 mg
Minimum piece weight	2 g

Optional Services	
DAkkS Calibration	963-128

Functions

Standard



Option

