

KERN ACS 80-4

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



Article codes, product groups & Status information

Model article-code	ACS 80-4
Model-Serie	ACS
Assortment	Scales
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761235687
Predecessor Model	ABS 80-4N; ACS 80-4-2.018a
Planned start date	2020-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	PH

Technical data - Primary

Weighing capacity	82 g
Readability	0,0001 g
Repeatability	0,0002 g
Linearity	± 0,0003 g

Technical data - Construction

Dimensions draft shield, inner (W×D×H)	201×220×256 mm
Dimensions draft shield, outer (W×D×H)	213×333×338 mm
Bubble Level	Yes

Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Plastic
Weighing space (W×D×H)	174×162×227 mm

Technical data - Display

Display height	14 mm
Backlight	No

Technical data - Power supply

Mains adapter/adaptor included	AUS;CH;EURO;UK;US
Input Voltage	110 V - 230 V AC
Mains adapter	Power supply unit
Interfaces	RS-232 standard;USB-Device

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0,0003 g
Minimum weight (USP)	400 mg
Readability	0,0001 g
Recommended adjusting weight	80 g (E2)
Repeatability	0,0002 g
Stabilisation time under laboratory conditions	3 s
Warm up time	4 h
Weighing system	Single-Cell
Weighing units	Bat;ct;dwt;ffa;g;gn;m;mg;mom;oz;ozt;PCS;tl (HK);tl (Singap, Malays);tl (Tw)

KERN ACS 80-4

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



Technical data - Environmental conditions

Maximum humidity	85 %
Maximum operating temperature	30 °C
Minimum ambient temperature	10 °C
Minimum humidity	20 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	390×565×520 mm
Gross weight	9 kg
Net weight	7 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	1,4 kg
Packaging component - by weight - styrofoam	1,4 kg
Packaging component - by weight - wood	0 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	82.000
Minimum piece weight at piece counting (Laboratory)	1 mg
Minimum piece weight	10 mg

Optional Services

DAkkS Calibration	963-101
-------------------	---------

Functions

Standard



Option

DAkkS