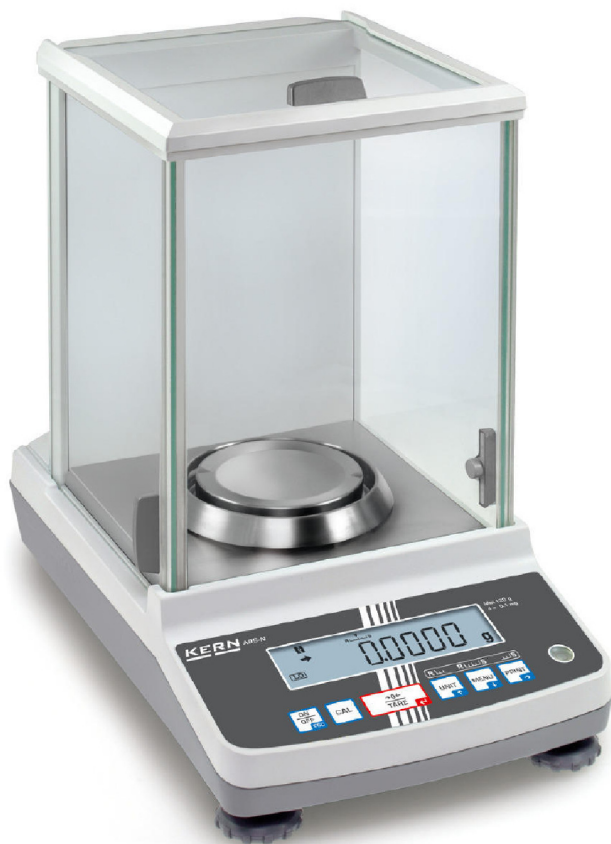# KERN **ACS 80-4**

The bestseller in analytical balances, with high-quality single-cell weighing system, also with
EC type approval [M]

Reference weight:	yes

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH

Service

DAkkS Certificate:	963-101

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Measuring system

Adjustment options:	External calibration
Linearity:	0,300 mg
Minimum weight (USP):	400 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	80 g (E2)
Repeatability:	0,200 mg
Resolution:	820000
Stabilisation time under laboratory conditions:	3 s
Warm up time:	4 h
Weighing capacity [Max]:	82 g
Weighing units:	g mg

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	390 x 565 x 520 mm
Gross weight:	8,900 kg
Net weight:	6,100 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	201 x 220 x 256 mm
Dimensions housing (WxDxH):	210 x 340 x 325 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	174 x 162 x 227 mm
Weighing surface (d):	91

Display

Display digit height (large):	1,400 cm

Counting

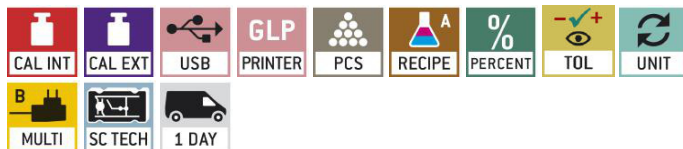|	
Counting resolution:	82000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece counting (Normal):	10 mg

KERN **ACS 80-4**

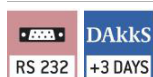The bestseller in analytical balances, with high-quality single-cell weighing system, also with
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Piktogramme

STANDARD

CAL INT	CAL EXT	USB	GLP PRINTER	PCS	RECIPE	PERCENT	TOL	UNIT

MULTI	SC TECH	1 DAY

OPTION

RS 232	DAkkS +3 DAYS

FACTORY

M +3 DAYS