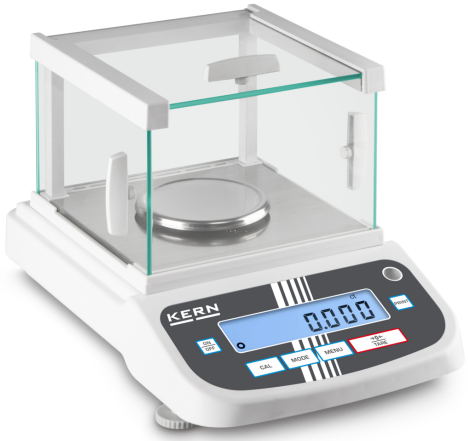
KERN **ADB 600-C3**

The price leader in analytical balances



Category

Brand	KERN
Product categoriy	Laboratory balance
Product group	Analytical balance
Product family	ADB

Measuring System

Weighing system	Force compensation
Weighing capacity [Max]	600 ct
Readability [d]	0,001 ct
Reproducibility	0,002 ct
typical reproducibility	0,0004 ct
Linearity	± 0,004 ct
Resolution	600.000
Tare range	600 ct
Adjustment options	Adjusting with external weight
Recommended adjusting weight	120 g (E2)
Possible calibration points	100 g; 120 g
Stabilization time	4 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,0025 ct
USP Minimum weight of sample (k = 2, U = 0.1%)	800 mg
typical USP Minimum weight of sample	164 mg
Construction type of the scale	Single-range balance
Units	g ct lb oz
Weighing capacity [Max] (ct)	600 ct
Readability carat [d] (ct)	0,001 ct
Maximum creep (15 minutes)	2 mg
Maximum creep (30 minutes)	4 mg
Default unit	g

Display

Display type	LCD
Display backlight	✓
Display segments	7
Display digit height	16 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	230×310×210 mm
Dimensions rectangular draught shield - inner (W×D×H)	170×160×110 mm
Dimensions rectangular draught shield - outer (W×D×H)	175×175×130 mm
Dimensions weighing surface (Ø)	90 mm
Dimensions weighing surface	90 mm
Material housing	plastic
Material weighing plate	stainless steel
Material draught shield	glass
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,4 Nm

Functions

Percentage determination	✓
Underfloor weighing	None
Standby function	✓
Counting function	✓
Counting resolution (laboratory conditions)	120.000
Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg
Reference quantity	5, 10, 20, 50, 100
Tare function	manual (multi)
Number of keys for operation	6

Interface

Interfaces	RS-232 standard

Power Supply

Supplied power supply	Power supply unit

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Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage power supply / power [Max]	100 - 265 V; 50 - 60 Hz; 2,0 A
Power supply cable removable	removable
Input voltage device / power [Max]	12 V; 2 A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Humity of environment [Min]	20 %
Humity of environment [Max]	85 %
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Approval

CE mark	✓

Services (optional)

Article number for DAkkS calibration	963-101
Article number for certificate of conformity	969-517

Packing & Shipping

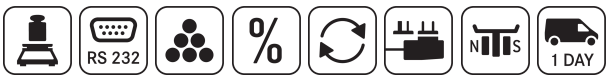
Delivery time	1 d
Dimensions packaging (W×D×H)	401×521×408 mm
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	7 kg
Shipping weight	17 kg

Product information

GTIN/EAN number	4045761205222
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

