



### KERN DS Industrial scale with laboratory accuracy, now with EC-Type Approval (M)



**Delivery**  
1 day

**3**  
Years warranty

**Strain gauge**

**FACTORY OPTION**

**M**  
Verification +7 days

**OPTION DKD**  
Certificate +3 days

**Backlit LCD display**  
digit height 18 mm

**New models**

**STANDARD**

**CAL EXT**

**PCS**

**PC RS 232**

only with printer 1

**GLP**

**REZ**

**%**

**UNIT**

DS only

**230**

**Operation**  
Step-by-step using Yes/No dialogue on backlit LCD display

**Standard printer**  
KERN YKB-01N

**Label printer**  
KERN YKL-01

**1 Statistics printer**  
KERN YKT-01  
For all printers see page 109

**OPTION**

**AKU**

**CAL EXT**  
**Adjusting program (CAL):**  
For quick setting of the balance's accuracy. External adjusting weight required.

**PCS**  
**Piece counting:** Reference quantities selectable. Display can be switched from piece to weight.

**PC IT-Net**  
**Data interface:** The type of interface is shown by the pictogram. For a definition, see glossary.

**GLP**  
**GLP/ISO record keeping** of weighing data with date, time and ident.-no. Only with printers from KERN.

**REZ**  
**Net-total weighing:** weight of tare cup and weight of components memorized in two separate stores.

**%**  
**Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grams.

**UNIT**  
**Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.

**AKU**  
**Animal weighing program:** strong vibrations are filtered out.

**230**  
**Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

**AKU**  
**Rechargeable battery pack**  
internal, operating time approx. 30 h, charging time approx. 10 h,  
**KERN KB-A01N**

**Numerical subtraction of tare weight**  
for known container weight. Useful for checking fill-levels

**PCS**  
**Precise counting**  
The automatic optimization of reference weight gradually improves the average value of the piece weight

**AKU**  
**Rechargeable battery pack,**  
external, operating time approx. 50 h, charging time 10 h,  
**KERN KS-A01**

**Display device mount**  
to fasten display device to platform, standard. Can be reordered,  
**KERN DE-A11**

**Protective working cover**  
over the key pad, standard. Can be reordered,  
**KERN DE-A12**

**Technical Data:**

**Display device**  
WxDxH 225x115x60 mm

**UNITS** Further weighing units: see the internet

**1** Verification at the factory, we need to know the full address of the location of use.

Model	Weighing range Max kg	Read-out d g	Verific. value e g	Repro-ducibility g	Linea-rity g	Min. piece weight at piece count. g/piece	Net weight approx. kg	Cable length approx. m	Weigh-ing plate	OPTIONS alternative		
										Verific-ation KERN	M	Certifi-cate KERN
KERN DS 3K0.01S	3,1	0,01	-	0,02	0,05	0,01	5,1	1	A	-	-	963-128
DS 5K0.05S	5,1	0,05	-	0,05	± 0,15	0,05	5,1	0,6	A	-	-	963-127
DS 8K0.05	8,1	0,05	-	0,05	± 0,15	0,05	7,5	1,5	B	-	-	963-128
DS 10K0.1S	10,1	0,1	-	0,1	± 0,3	0,1	5,1	0,6	A	-	-	963-128
DS 16K0.1	16,1	0,1	-	0,1	± 0,3	0,1	7,5	1,5	B	-	-	963-128
DS 20K0.1	20,1	0,1	-	0,1	± 0,3	0,1	7,5	1,5	B	-	-	963-128
DS 30K0.1	30,1	0,1	-	0,1	± 0,3	0,1	7,5	1,5	B	-	-	963-128
DS 30K0.1L	30,1	0,1	-	0,1	± 0,3	0,1	9,5	1	C	-	-	963-128
DS 36K0.2	36,1	0,2	-	0,2	± 0,6	0,2	7,5	1,5	B	-	-	963-128
DS 36K0.2L	36,1	0,2	-	0,2	± 0,6	0,2	9,5	1,5	C	-	-	963-128
DS 60K0.2	60,1	0,2	-	0,2	± 0,6	0,2	9,5	1	C	-	-	963-129
DS 65K0.5	65,1	0,5	-	0,5	± 1,5	0,5	9,5	1,5	C	-	-	963-129
DS 100K0.5	101	0,5	-	0,5	± 1,5	0,5	9,5	1,5	C	-	-	963-129
DS 150K1	151	1	-	1	± 3	1	9,5	1,5	C	-	-	963-129
For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.												
DS 15K0.1M	15	0,1	1	1	1	0,1	7,5	1	B	950-117 (II)	-	963-128
DS 50K1TM	10 20 50	1 2 5	1 2 5	1 2 5	1 2 5	1	9,5	1	C	950-128 (III)	-	963-129
DS 65K1M	65	1	10	10	10	1	9,5	1	C	950-118 (II)	-	963-129
DS 150K1M	150	1	10	10	10	1	9,5	1	C	950-118 (II)	-	963-129
DS 100K2TM	20 50 100	2 5 10	2 5 10	2 5 10	2 5 10	2	9,5	1	C	950-129 (III)	-	963-129

Order Hotline: Go to back page of catalogue

### KERN - Your DKD-Calibration Partner

issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.

KERN is a manufacturer of test weights in the international classes of accuracy E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg  
DKD = German Calibration Service



Your KERN specialist dealer