



## Standard

- Internal adjusting (CAL):** Quick setting of the balance's accuracy with internal adjusting weight (motor-driven).
- Adjusting program (CAL):** For quick setting of the balance's accuracy. External adjusting weight required.
- Data interface:** The type of interface is shown by the pictogram. For a definition, see page 88.
- Piece counting:** Reference quantities selectable. Display can be switched from piece to weight.
- 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.
- Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.
- Weighing with tolerance range:** Upper and lower limiting can be programmed individually, e.g. dosing / sorting.
- Spray and dust protection:** The type of protection is shown by the pictogram. For a definition see the glossary, page 96.
- Stainless steel:** the balance is protected against corrosion.
- Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

## Option (additional price)

- Suspended weighing:** load support with hook on the underside of the balance.
- Rechargeable battery pack:** rechargeable set.

Order Hotline:  
Go to back page of catalogue

- Delivery 1 day
- 3 Years warranty

- OPTION
- Verification +7 days
  - Certificate +4 days

**Scale is entirely out of stainless steel** including the fully encapsulated load cell

**Protective working cover** over display, standard. Can be reordered, KERN FEJ-A02

**Device for suspended weighing** KERN FEJ-A06

**Protection IP 65** only when using rechargeable battery and without RS 232 and relay output



**Stand** to elevate the display device, stand height 710 mm, KERN FEJ-A05

**Stainless steel scale with IP 65, high resolution up to 300,000 d**

- Price reductions
- New models



**Capacity display** a bar graph shows the current available weighing range

**Rechargeable battery pack** internal, operating time approx. 6 h, charging time approx. 12 h with mains adapter. Selectable: AUTO-OFF function after 3 min without a change of load to preserve the battery. Must be ordered at purchase, KERN FEJ-A01

**Standby function** when plugged in, automatic activation of the display will occur if a change of load is made or a key is pressed

**Data interface** 2 ports standard, 1x bidirectional, 1x unidirectional

**Relay output** for additional information, please refer to KERN website, not possible in combination with rechargeable battery pack, KERN FEJ-A07

**Fluorescent display** bright with high contrast, digit height 18 mm

**Weighing with tolerance range** (Checkweighing) Input of 2 upper and 2 lower limit values through 4 arrow keys. An acoustic signal assists with the portion division, dispensing or grading

- STANDARD only FEJ
- CAL INT
  - only FES
  - CAL EXT
  - PC RS232
  - PCS
  - REZ
  - % icon"/> %
  - UNIT
  - TOL
  - IP
  - ING1
  - 230
  - OPTION
  - U
  - FACTORY OPTION
  - AKU

Dual-range balance: KERN FES 62K0.1DIPM Max = 62 kg, d1 = 0.1 g (from 0 – 6.2 kg), dz = 1 g (from 6.2 – 62 kg), M = verifiable

Model	Weighing range Max kg	Read-out d g	Verific. Value e g	Min. load g	Repro-ducibility g	Linearity g	Min. piece weight at piece count. g/piece	OPTIONS alternative			
								Verifi-cation KERN	M II	Certifi-cate KERN	DKD
KERN FES 17K0.1IPM	17	0,1	1	5	0,1	± 0,3	0,1	-	2	963-128	
FES 33K0.1IPM	33	0,1	1	5	0,1	± 0,3	0,1	-	2	963-128	
FES 62K0.1DIPM	6162	0,1117	1	5	0,111	± 0,311	0,1	-	2	963-529	
FEJ 17K0.1IPM	17	0,1	1	5	0,1	± 0,3	0,1	950-117	1	963-128	
FEJ 33K0.1IPM	33	0,1	1	5	0,1	± 0,3	0,1	950-117	1	963-128	
FEJ 62K0.1DIPM	6162	0,1117	1	5	0,111	± 0,311	0,1	950-118	1	963-129	

**1** Factory verification **2** Verification only possible at location of use. **7** Fine range d = 0.1 g available across the entire weighing range by taring, switches automatically. Overall dimensions WxDxH 350x685x170 mm.

**PCS** piece counting with reference quantities of 5, 10, 30, 100 pcs. **UNITS** Further weighing units: g, kg, ct. Permitted environmental temperature 5 ... +35°C. Net weight approx. 17 kg.

## 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

