## **BALANCES & TEST SERVICE 2024**

Precision balances

### Precision Balances KERN PES · PEJ



# Robust laboratory and industrial precision scale for heavy items, verification optional

### Features

- KERN PEJ: Automatic internal adjustment, guarantees high degree of accuracy and makes the balance independent of its location of use
- KERN PES: Adjusting program CAL for quick setting of the balance accuracy using an external test weight at an additional price, see *Test Weights*
- · Metal housing: robust and sturdy
- Weighing with tolerance range (checkweighing): Input of two upper and two lower limit values through four arrow keys. An audible and visual signal assists with the portioning, dispensing or grading
- A, B Underfloor weighing: load support with hook on the underside of the balance for models

- A Hook included with the delivery
- B Hook not included with the delivery
  A, B: Protective working cover included
- with delivery

### **Technical data**

- Fluorescent display, bright with high contrast, digit height 14 mm
- Dimensions weighing surface, stainless steel
   ▲ W×D 140×120 mm
- B W×D 200×200 mm, see larger picture
  C W×D 250×220 mm
- Overall dimensions (without draught shield) W×D×H
   A, B 220×333×93 mm
- C 260×330×113 mm
- Permissible ambient temperature 10 °C/30 °C

### Accessories

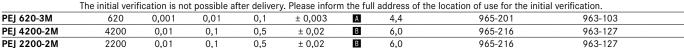
PREMIUM

- A, D: Protective working cover, scope of delivery: 5 items, KERN PES-A04S05
- KERN PES: Internal rechargeable battery pack, operating time up to 6 h with backlight, charging time approx. 15 h, KERN PES-A01
- Loop for underfloor weighing, for models with weighing plate size **B**, KERN PES-A03
- Relay output to connect relays, signal lamps, valves etc., 5 outputs for weighing in 3 tolerance ranges, must be ordered at purchase, KERN PES-A02
- Minimum weight of sample, smallest weight to be weighed, depending on the required process accuracy, only in combination with a DAkkS calibration certificate, KERN 969-103
- Equipment qualification: compliant qualification concept which includes the following validation services, Installation Qualification (IQ), Operating Qualification (OQ)
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD		OPTION	FACTORY
CALINT CALEXT RS 232 PRINT		((↓↓1)) <b>FED</b> T-FORK 1 DAY MULTI	DAkkS +3 DAYS SWITCH

	Weighing	Readability	Readability Verification		Linearity	Weighing Net	Net	Options	
	capacity		value	load		plate	weight	Verification	DAkkS Calibr. Certificate
	[Max]	[d]	[e]	[Min]				M	DAkkS
KERN	g	g	g	g	g		kg	KERN	KERN
PES 620-3M	620	0,001	-	-	± 0,003	А	3,6	-	963-103
PES 2200-2M	2200	0,01	-	-	± 0,02	В	4,4	-	963-127
PES 4200-2M	4200	0,01	-	-	± 0,02	В	4,0	-	963-127
PES 6200-2M	6200	0,01	-	-	± 0,03	В	4,4	-	963-104
PES 15000-1M	15000	0,1	-	-	± 0,2	В	4,4	-	963-128
PES 31000-1M	31000	0,1	-	-	± 0,4	C	10,0	-	963-128

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.











# **BALANCES & TEST SERVICE 2024**

Interface for second

second balance

Protocol (KCP)

It is a standardized

Network interface

an Ethernet network

**KERN Communication** 

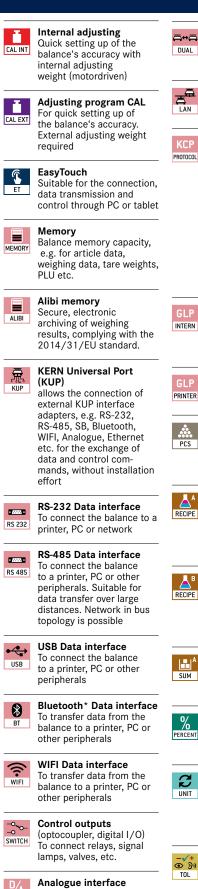
interface command set for

For direct connection of a

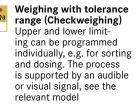
For connecting the scale to

balance

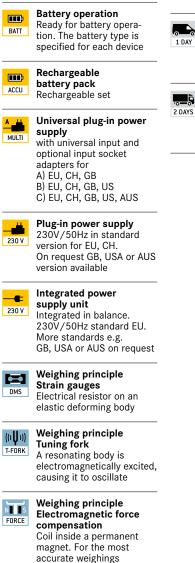
### **KERN Pictograms**

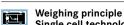












Single cell technology Advanced version of the force compensation principle with the highest level of precision

#### Conformity Assessment Μ The time required for +3 DAYS conformity assessment is specified in the pictogram

#### **DAkkS** calibration DAkkS

possible (DKD) The time required for DAkkS calibration is shown in days in the pictogram



+3 DAYS

Factory calibration (ISO) The time required for Factory calibration is shown in days in the pictogram

### Package shipment

The time required for internal shipping preparations is shown in days in the pictogram

### Pallet shipment

The time required for 2 DAYS internal shipping preparations is shown in days in the pictogram

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ANALOG

to connect a suitable

peripheral device for analogue processing of the measurements