

# KERN PES 6200-2M

Robust laboratory and industrial precision scale for heavy items



| Display                         |                      |
|---------------------------------|----------------------|
| Display type                    | Fluorescent          |
| Display backlight               | LED is self-luminous |
| Display digit height            | 14 mm                |
| Languages of the user interface | English              |

| Construction                      |                 |
|-----------------------------------|-----------------|
| Dimension housing (W×D×H)         | 220×333×93 mm   |
| Material housing                  | cast aluminium  |
| Material weighing plate           | stainless steel |
| Material platform                 | Stainless steel |
| Dimensions weighing surface (W×D) | 200×200 mm      |
| Levelling feet adjustable         | ✓               |

| Functions                                |  |
|--|--|
| Number of keys for operation             | 6  |
| Auto-off interval(s) in mains power mode | free   |
| Capacity - Display                       | ✓  |
| Tare function                            | manual (multi)                                     |
| Percentage determination                 | ✓  |
| Counting function                        | ✓  |
| Tolerance weighing                       | ✓  |
| Tolerance weighing - type of signal      | visual   |
| Standby function                         | ✓  |
| Recipe/summing level                     | Rez A (Net total)                                  |
| Sum memory function                      | ✓  |
| Underfloor weighing                      | Eye (included in delivery)                         |
| Interfaces                               | RS-232 standard<br>Digital I/O (optional, factory) |

| Counting  |                |
|---|----------------|
| Smallest piece weight when piece counting - laboratory conditions | 10 mg          |
| Smallest piece weight when piece counting - normal conditions     | 100 mg         |
| Reference quantity  | 5, 10, 30, 100 |
| Counting resolution (laboratory conditions)                       | 620.000        |

| Power Supply                             |                             |
|--|-----------------------------|
| Input voltage power supply / power [Max] | 100-240V AC; 0,6 A; 50/60Hz |
| Input voltage device / power [Max]       | 12 V, 1 A                   |
| Plug-in power supply type                | Power adapter               |

| Category         |                    |
|------------------|--------------------|
| Brand            | KERN               |
| Product category | Laboratory balance |
| Product group    | Precision balance  |
| Product family   | PES                |

| Measuring System                               |                                |
|--|--------------------------------|
| Construction type of the scale                 | Single-range balance           |
| Weighing system                                | Tuning fork                    |
| Weighing capacity [Max]                        | 6200 g                         |
| Readability [d]                                | 0,01 g                         |
| Resolution                                     | 620.000                        |
| Linearity                                      | ± 0,03 g                       |
| Reproducibility                                | 0,01 g                         |
| Default unit                                   | g                              |
| Units  | kg<br>g<br>ct                  |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 20 g                           |
| Adjustment options                             | Adjusting with external weight |
| Recommended adjusting weight                   | 5 kg (E2)                      |
| Stabilization time                             | 3 s                            |
| Warm-up time                                   | 4 h                            |
| Eccentric loading at 1/3 [Max]                 | 0,04 g                         |
| Maximum creep (15 minutes)                     | 100 mg                         |
| Maximum creep (30 minutes)                     | 200 mg                         |

| Approval |   |
|----------|---|
| CE mark  | ✓ |

# KERN PES 6200-2M



Robust laboratory and industrial precision scale for heavy items

|   |                   |
|---|-------------------|
| Supplied power supply   | Power supply unit |
| Plug-in power supply / adapter for countries - included with the delivery | EURO              |
|   | AUS               |
|   | UK                |
|   | US                |
|   | CH                |

|   |      |
|---|------|
| Plug-in power supply / adapter for countries - optional | EURO |
|   | AUS  |
|   | UK   |
|   | US   |
|   | CH   |

|                    |                   |
|--------------------|-------------------|
| Battery connection | Plug-in terminals |
|--------------------|-------------------|

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Humidity of environment [Max] | 80 %   |
| Ambient temperature [Min]     | 10 °C  |
| Ambient temperature [Max]     | 30 °C  |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Dimensions packaging (W×D×H) | 330×440×215 mm |
| Net weight                   | 4,247 kg       |
| Shipping method              | Parcel service |
| Net weight approx.           | 4,4 kg         |
| Gross weight approx.         | 6 kg           |
| Shipping weight              | 6,2 kg         |

## Services (optional)

|   |         |
|---|---------|
| Article number for DAkkS calibration                        | 963-104 |
| Article number for certificate of conformity (verification) | 969-517 |

## Pictograms

### STANDARD



### OPTION



### FACTORY

