

# KERN TGC 1K-3S05

# KERN

Slim pocket balance with large stainless steel weighing plate and practical tare pan



## Kategorie

|                  |                    |
|------------------|--------------------|
| Brand            | KERN               |
| Product category | Laboratory balance |
| Product group    | Pocket balance     |
| Product family   | TGC                |

## Measuring System

|                                |                      |
|--------------------------------|----------------------|
| Construction type of the scale | Single-range balance |
| Weighing system                | Strain gauge         |
| Weighing capacity [Max]        | 1000 g               |
| Weighing capacity [Max] (ct)   | 5000 ct              |
| Readability [d]                | 1 g                  |
| Readability carat [d] (ct)     | 5 ct                 |
| Resolution                     | 1.000                |
| Linearity                      | ± 6 g                |
| Reproducibility                | 3 g                  |
| Tare range                     | 1000 g               |
| Default unit                   | g                    |

## Units

g  
g  
gn  
dwt  
ozt  
ct  
oz

|                                |                                |
|--------------------------------|--------------------------------|
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 750 g (M3)                     |
| Possible calibration points    | 1 kg                           |
| Stabilization time             | 2 s                            |
| Warm-up time                   | 10 min                         |
| Eccentric loading at 1/3 [Max] | 3 g                            |
| Maximum creep (15 minutes)     | 2 g                            |
| Maximum creep (30 minutes)     | 4 g                            |

## Approval

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

## Display

|                                 |                 |
|---------------------------------|-----------------|
| Display type                    | LCD             |
| Display backlight               | ✓               |
| Display digit height            | 12 mm           |
| Languages of the user interface | Symbol language |

## Construction

|                                 |                 |
|---------------------------------|-----------------|
| Dimension housing (W×D×H)       | 100×130×18 mm   |
| Material display housing        | Plastics        |
| Material housing                | plastic         |
| Material weighing plate         | stainless steel |
| Dimensions weighing surface (Ø) | 81 mm           |

## Functions

|  |                |
|--|----------------|
| Number of keys for operation                                   | 4              |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 4 min          |
| Tare function  | manual (multi) |
| IP protection - complete device                                | -              |

## Power Supply

|  |              |
|--|--------------|
| Supplied power supply                  | Battery      |
| Battery                                | 2×CR2032     |
| Battery / accumulator type             | Li-Metal     |
| Battery connection                     | Pad + Spring |
| Battery capacity                       | 210 mAh      |
| Battery operating time                 | 8,75 h       |
| Battery operating time - backlight on  | 8,75 h       |
| Battery operating time - backlight off | 22 h         |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Humidity of environment [Min] | 80 %   |
| Humidity of environment [Max] | 90 %   |
| Ambient temperature [Min]     | 0 °C   |
| Ambient temperature [Max]     | 40 °C  |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Packing & Shipping

|                           |                |
|---------------------------|----------------|
| Readability force [d] (N) | 1 d            |
| Shipping method           | Parcel service |

# KERN TGC 1K-3S05



Slim pocket balance with large stainless steel weighing plate and practical tare pan

|                              |                 |
|------------------------------|-----------------|
| Dimensions packaging (W×D×H) | 100×130×16,5 mm |
| Net weight approx.           | 0,75 kg         |
| Gross weight approx.         | 0,80 kg         |
| Shipping weight              | 0,8 kg          |
| UN number (hazardous goods)  | 309 1           |

## Services (optional)

|   |         |
|---|---------|
| Article number for adjustment at the location of installation | 961-247 |
| Article number for DAkkS calibration                          | 963-127 |
| Article number for certificate of conformity (verification)   | 969-517 |

## Pictograms

### STANDARD



### OPTION

