

## PD 30 & PD 32 laser range meters

### Pocket-sized measuring power

#### Applications

- Fast and reliable measurements up to 200 m (600 ft)
- Calculate areas, volumes, offsets and perimeters at the touch of a button
- Set out distances with just one person without need to be at the target

#### Features

- Easy to use – Just aim and press a button
- Light weight and accurate laser range meter with pocket size
- Rechargeable from mains and vehicle ... like a mobile phone
- Reliable distances from 5 cm (2") to 200 m (600 ft). First time, every time.
- Measuring spike for convenient and accurate measurements from corners
- Horizontal and vertical bubble for accurate horizontal and vertical distances
- Additional side measuring key for comfortable handling and overhead measurements (PD 32)
- Large display with easily readable characters and graphics
- Built-in optical sight for improved laser visibility at long distances and target sighting when outdoors (PD 32)



#### Technical data

|                        |  |
|------------------------|--|
| Accuracy *:            | ± 1.5 mm (1/16")   |
| Range **:              | 5 cm to 70 m (2" bis 200 ft) w/o target plate, with target plate PDA 50 up to 200 m (600 ft)           |
| Measuring time:        | Single measurement < 0.5 sec   |
| Reference points:      | User selectable: front, rear, spike  |
| Side measuring key:    | Side measuring key for comfortable handling and overhead measurements (PD 32 only)                     |
| Optical sight:         | Built-in optical sight for long distances and ambient light conditions (PD 32 only)                    |
| Bubble:                | Horizontal and vertical (PD 32)  |
| Laser:                 | 635 nm, class 2 (IEC 825-1), class II (FDA 21 CFR)   |
| Functions:             | Area, Volume, +, -   |
| Special functions:     | 2 pythagorean functions for indirect distances, MIN/MAX for checking square and parallels (PD 32 only) |
| Units:                 | m, mm ft, inch, ft. fraction 1/8, ft. fraction 1/16, yard  |
| Data memory:           | last 5 measurements or calculation results with graphics   |
| Power supply:          |  |
| Standard:              | 2 AA-batteries;  |
| Optional:              | 2 NiMH rechargeable batteries, charge from mains 100–240 V or vehicle 12–24 V.                         |
| Battery life:          | > 15000 measurements (AA-batteries)  |
| Temperature range:     |  |
| Operating temperature: | -10°C to +50°C (14°F to 122°F)   |
| Storage temperature:   | -30°C to +70°C (-22°F to 158°F)  |
| Dimensions (L×W×H):    | 120×65×28 mm (4.7"×2.6"×1.1")  |
| Weight:                | 220 gr. (0.48 lb)  |
| IP protection:         | IP 54  |

\* The measuring accuracy is affected by ± (1.5 mm + 20 ppm) / ± (1/16" + 20 ppm) due to atmospheric conditions. This affect is typically noticeable at distances > 100 m (>300 ft).

\*\* The maximum measuring range and laser visibility depends on the reflectivity of the target and the ambient light. When measuring to targets with low reflectivity use the PDA 50 target plate.

## PD 30 & PD 32 laser range meters

| Item no. | Ordering designation   | Package contents | Price per |
|----------|--|------------------|-----------|
| 282378   | PD 30 laser range meter<br>Soft pouch, 2 alkaline batteries, hand strap and operating instructions in a cardboard box.               | 1                | 1         |
| 282386   | PD 32 laser range meter<br>Soft pouch, 2 alkaline batteries, hand strap, target plate and operating instructions in a cardboard box. | 1                | 1         |

### Accessories

|        |  |   |   |
|--------|--|---|---|
| 282394 | PDA 81 charging set<br>From mains and vehicle charging; packed complete in cardboard box.  | 1 | 1 |
| 282388 | PDA 50 target plate<br>For extended ranges and exterior measurements   | 1 | 1 |
| 282391 | PDA 62 belt clip<br>For clicking the laser range meter to the belt.  | 1 | 1 |
| 282392 | PDA 70 spike extension (available on request, lead time applies)<br>For comfortable measurements from the floor and from inaccessible places | 1 | 1 |
| 311212 | PA 970 laser visibility glasses<br>Improves the laser visibility significantly.  | 1 | 1 |