

TIME FOR MORE to a laser hand detector – now with millimetre display



#### Millimetre hand detector

- Large 127 mm reception window
- Numerical display of distance ongrade in mm/cm
- Moveable ongrade
- New super cell detection technology





#### Technical data

- Working Radius 300 m
- Accuracy ± 0,5 mm
- Reception Angle <u>+</u> 45<sup>0</sup>
- 610 ... 780 nm
- Marking notch at 80 mm
- Robust: 3+ random drops on concrete floor from 3 m
- IP 67
- Batt. Life 70+ hours
- Op. Temp. -20 ... + 60°C
- 3 Years warranty





#### **Keypads & Functions**

- ON/OFF
  + Capture to hold
  the measured value
- Accuracy:0,5 -1 2 5 10 mm
- Loudness:
  OFF 65 95 105 dBA
- LED-Brightness:
  OFF Dimmed Bright
- Units: mm cm





## Display

- Front LED:
  OFF Dimmed Bright
- Front and back LCD:
  - MM-Readout
  - Segmented arrow
  - Symbols:
    - Centre or moved ongrade
    - Accuracy selection
    - Brightness, Loudness
    - Battery
    - Auto-Shut-OFF: 0,5 h 24 h Off
    - Measuring units





## Moveable on-grade

- Patented, automatically changed ongrade position when detector clamp moved
- Magnetic switch built in clamp





#### Alignment cones

 Two cones help secure and align rod clamp to detector - just one more detail to be faster and more efficient





#### Rod clamp

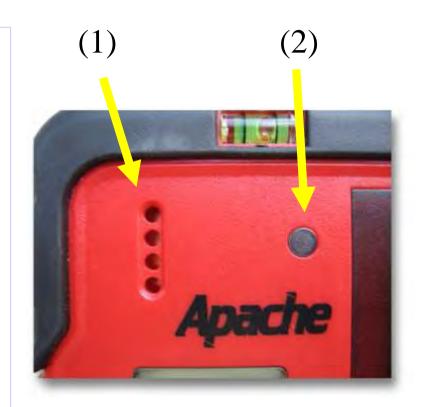
- Clamp with reversible face
- Slanted face for oval and round rods
- Flat face for rectangular and square rods





#### Beeper – Strobe rejection

- Beeper (1): OFF 65 95 105 dBA
- Strobe light rejection window (2): prevents false triggering from strobe light on construction machines





## Bubble level on top

- Integrated bubble level for correct holding of the detector
- For exact readings and marking on walls



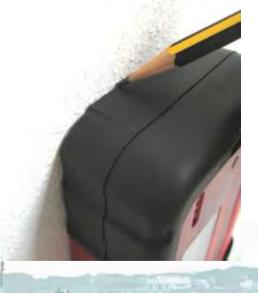


## Marking helpmates

 Notch for marking at centre on-grade position



 Flat surface on top for marking at fixed 8 cm above ongrade





## Robust housing

- Rubber molded housing edges
- 3+ random drops on concrete floor from 3 m
- As tough as needed at a construction site







## Watertightness

- Watertight housing and battery compartment IP67
- Dunk it, scrub it, hose it off





# Battery compartment

- Two Standard Alkali AA
   Batteries
- Robust Clip to easily open and close the compartment
- Watertight (tub and seal)







### Inspection & control

- The control tool for every site foreman, construction supervisor, architect on every site
- Elevation monitoring (dam, bridges, railway tracks)



### Thickness of layers

- Calculating cut & fill
- Excavation, gravel, crushed stones, concrete, asphalt: roads, parking areas, sport fields
- Finished elevation benchmarks
- Foundations
- Floor pavements



# Aligning

- Formwork
- Steel building / structures
- Facades
- Rails for lifts
- Machine aligning
- Conveyor belts
- High rise racks



## Indoor building works

- Computer floors
- Suspended ceilings
- Aligning of drywalls
- Tubes, ducts,
- Doors & windows
- Shopfittings

