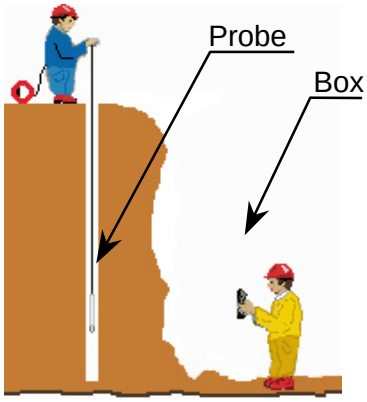
CODA TECHNOLOGIES
TEPEX®
The straight burden checker

# Distancemeter TEPEX 2S

## FIELD OF USE

The **TEPEX 2S** is designed to control the position of mine holes before charging the explosive ; it allows a direct measure of the bench thickness : distance separating the bore hole from the frontal face.

The kit is made up (*see drawing*) of a transmitter probe introduced into the bore hole and a reading box held, at distance, in front of the frontal face.




The reading box integrates a distancemeter to measurement traversing.

A laser telemeter comes in addition.

No computer is needed to make measurments.

## CHARACTERISTICS OF DEVICES

**The emitter probe**

The body of the probe is a cylinder made of polymer.

- Diameter : 1.97 in (50 mm)
- Lenght : 1.78 ft (450 mm) - Weight : 2.65 lb (1,2 kg)
- Waterproof under 65.6 ft (20 m) of water
- Around 20 hours of autonomy in real live situation. (the power supply is cut off when the probe is lying position). Transmission of information “low battery” to the reading box.

**The feeding**

The probe and the reading box are both supplied by a 9V alkaline battery (PP3, 6LR61 or equivalent). Use of accus forbidden

**The reading box**

Box made of 3mm thick polycarbonate, protected against dust and water projections in all directions.

- Thickness: 2.17 in (55 mm) - Height: 8.27 in (210 mm)
- Width: 4.13 in (105 mm) - Weight: 1.32 lb (0.6 kg)
- Autonomous around 4 hours
- Back face:
  - Billing LCD (2 lines of 16 characters). Inclined screen adapted to the vertical hold of the box.
- Front face :
  - Access hatch at battery
- Lateral face :
  - USB liaison for transmission of measures to PC.

**The laser telemeter**

The laser telemeter measures the distance between the reading box and the frontal face. A function makes it possible to withdraw a fixed distance from 5m from the distance measured between the reading box and the probe.

**NOTE** : *TEPEX 2S is not affected by a certification and a labeling under the legal metrology : it enter not into categories of instruments regulated by decree n° 2001-387 of 3 May 2001 or in the category of material measures or dimensional measuring instruments mentioned in annexes to directive 2004/22/EC of 31/03/2004 on measuring instruments.*

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