

FIELD OF USE

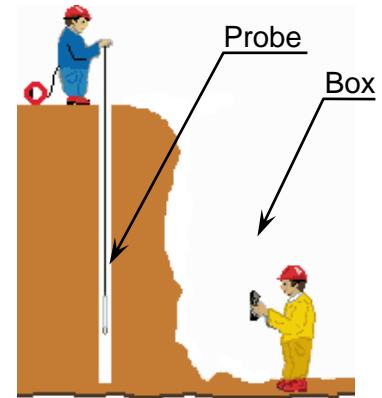
The **TEPEX 2S** is designed to control the position of mine holes before charging the explosive ; it allows a direct measure of the bench thickness : distance separating the bore hole from the frontal face.

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 measurements.



CHARACTERISTICS OF DEVICES

The emitter probe

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

- Diameter : 1.97 in (50 mm)
- Length : 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.

September 2019