

## **LABORATORY: CNR-ISPC**

### **NAME OF THE INSTRUMENT**

**Supporting kit (Cover Meter, Hygrometer, Videoscope)**

### **GENERAL DESCRIPTION**

Supporting kit composed of Cover Meter (1), Hygrometer (2), and Videoscope (3)

1. The PACO DR3000 RL cover meter is a rebar locator based on the principle of electromagnetic induction to determine the position, diameter and concrete cover of rebars precisely and accurately.
2. The Testo 616 contact hygrometer measures the equilibrium humidity in building materials quickly and non-invasively, allowing the moisture inside the material to be determined with a measuring depth of up to 5 cm.
3. The Trotec VIDEOSKOP BO26 video endoscope allows you to carry out a documented optical analysis with an endoscope, accessing the internal vision of very small elements in a non-invasive way.

### **TECHNICAL DETAILS:**

#### **1. N.1 cover meter DR3000 RL**

- Measurement range of diameters 6-50 mm
- Depth measurement range: Low range 6 - 90 mm; High range 7 - 190 mm
- Operating temperature: between - 10 °C and + 40 °C (Dampness <90%RH)

#### **2. N.1 contact hygrometer Testo 616**

- Humidity measuring range: < 50% (wood), < 20% (building materials)
- Depth measurement range: up to 5 cm
- Dimensions: 70 x 58 x 234mm
- Weight: 260 g
- Operating temperature: between 5 °C and 40 °C

#### **3. N.1 videoscope Trotec VIDEOSKOP BO26**

- Double gooseneck probes
- Head diameter of standard camera: 17mm
- Cable length of standard probe: 1m
- Head diameter of supplementary camera: 6mm
- Cable length of supplementary probe: 3m



**DR3000 RL**



**Testo 616**



**Trotec VIDEOSKOP BO26**

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