



**CODE** ..... **GT1427**  
**MODEL** ..... **PENETROMETER K1-650**  
**OVERALL DIMENSIONS** . 1010x450x560 mm  
**MAXIMUM SIZE** ..... 650 mm  
**WEIGHT** ..... 51 kg

**CODE** ..... **GT1448**  
**MODEL** ..... **PENETROMETER K1-850**  
**OVERALL DIMENSIONS** . 1210x670x560 mm  
**MAXIMUM SIZE** ..... 850 mm  
**WEIGHT** ..... 55 kg



## PENETROMETER K1

### DESCRIPTION

Instrument for measuring the density in ceramic wares. Measuring instrument based on the principle of penetration of a needle with a flat head parallel to the surface of the object to be penetrated. The testing pressure is higher than the maximum pressure utilised during the industrial production process. The penetration value expresses the anomalous behaviour of one or more of the variables influencing the pressing operation: anomalous filling of the dies, pressing pressure and way of application, moisture content, etc. It also performs a thickness check.

### TECHNICAL SPECIFICATIONS

- Penetration system by means of a calibrated weight and hydraulic braking
- Progressive load application
- Digital reading of penetration value
- Levelling regulation
- Reading accuracy: 1/100 mm

### EQUIPMENT

- Digital gauge
- Set of five needles of 0,5 - 0,75 - 1 - 1,5 - 2 mm<sup>2</sup>
- Wrench of 2,5 mm

### ACCESSORIES AND SPARE PARTS

<b>GT0965</b>	Calibration kit with load cell ACCREDIA certify
<b>GT0678</b>	Full set of penetration needles
<b>GT0684</b>	Needle of 0,5 mm <sup>2</sup>
<b>GT0685</b>	Needle of 0,75 mm <sup>2</sup>
<b>GT0686</b>	Needle of 1 mm <sup>2</sup>
<b>GT0687</b>	Needle of 1,5 mm <sup>2</sup>
<b>GT0688</b>	Needle of 2 mm <sup>2</sup>
<b>GT0679</b>	Digital gauge