



CODE .....GT2142  
 MODEL.....PENETROMETER K4-450  
 OVERALL DIMENSIONS ... 550x560x580 mm  
 MAXIMUM SIZE..... 450 mm  
 WEIGHT..... 51 kg

CODE .....GT2151  
 MODEL.....PENETROMETRO K4-750  
 OVERALL DIMENSIONS ... 900x910x580 mm  
 MAXIMUM SIZE..... 750 mm  
 WEIGHT.....56 kg



## PENETROMETER K4

### 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
- Dynamic 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>

### ACCESSORIES AND SPARE PARTS

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