

# Densimetro



Doss Visual Solution srl

Via dell'Industria,57/A

25030 - Erbusco (BS)

Tel.: +39 0307703191 - fax +39 0307703286

[www.doss.it](http://www.doss.it) - e-mail: [doss@doss.it](mailto:doss@doss.it)



## Description

The system allows measuring the density of solid bodies made of elastomeric material. The device works on the principle of the weight measure, of the volume determination through the thrust received by the body in the liquid and the correction due to the liquid temperature.

The device is composed of an electronic scale (accuracy 0,001 g), an automatic piece handling system and an external keyboard.

Through the data interface, the values are displayed on both keyboard and PC and elaborated in a dedicated database.

## Type of check

- Density - specific weight
- Weight delta
- Volume delta

Technical data sheet	
Sample max. weight	
Sample max volume	
Beaker dimensions	
Typical cycle (5 read. Air + 5 read. Water)	
Measure repeatability	
Linearity	
Noise level:	
Single-phase power supply:	
Use temperature:	
Relative humidity:	
Electrical safety protection:	
Installed max. power:	
Average consumption:	

Densimetro	
Sample max. weight	120 g
Sample max volume	100 cc
Beaker dimensions	500ml x ø80mm
Typical cycle (5 read. Air + 5 read. Water)	30 sec
Measure repeatability	e= 0,01 g
Linearity	+/- 0,002
Noise level:	< 40 dB
Single-phase power supply:	230V - 50Hz
Use temperature:	+5°C to +40°C
Relative humidity:	max 80%
Electrical safety protection:	IP 44
Installed max. power:	0,1 kw
Average consumption:	0,02 Kw