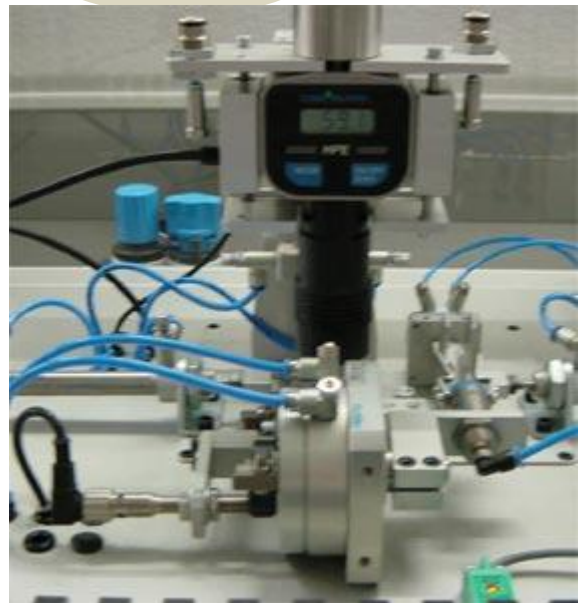


SIS SCARABAEUS INSTRUMENTS SYSTEMS

SIS-H20/H60/H100

Fully automatic test instrument for measuring of Shore A hardness in accordance to DIN 53505.

SIS Hardness measurement with a gripper system and automatic feed.



consisting of the following components:

Automation Unit:

- Festo-valve terminal for controlling pneumatic motions
- Festo-PLC for managing and acquisition of electrical states.
- Disk for up to 20 samples.
- Modes of operation, start, stop and pause.
- Measuring of 3 single points shore A and calculating the mean value and the median.
- Sample diameter 30-45mm
- Sample thickness 4-6mm

Hardness measurement instrument from Barreis

- Type HPE II DGM 93 18 389.5
- hardness measuring range 0-100 Shore A
- pressing force 12.5 N
- resolution 0.1 Shore
- serial port for remote data acquisition
- option control rings for 40 and 100 shore A



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