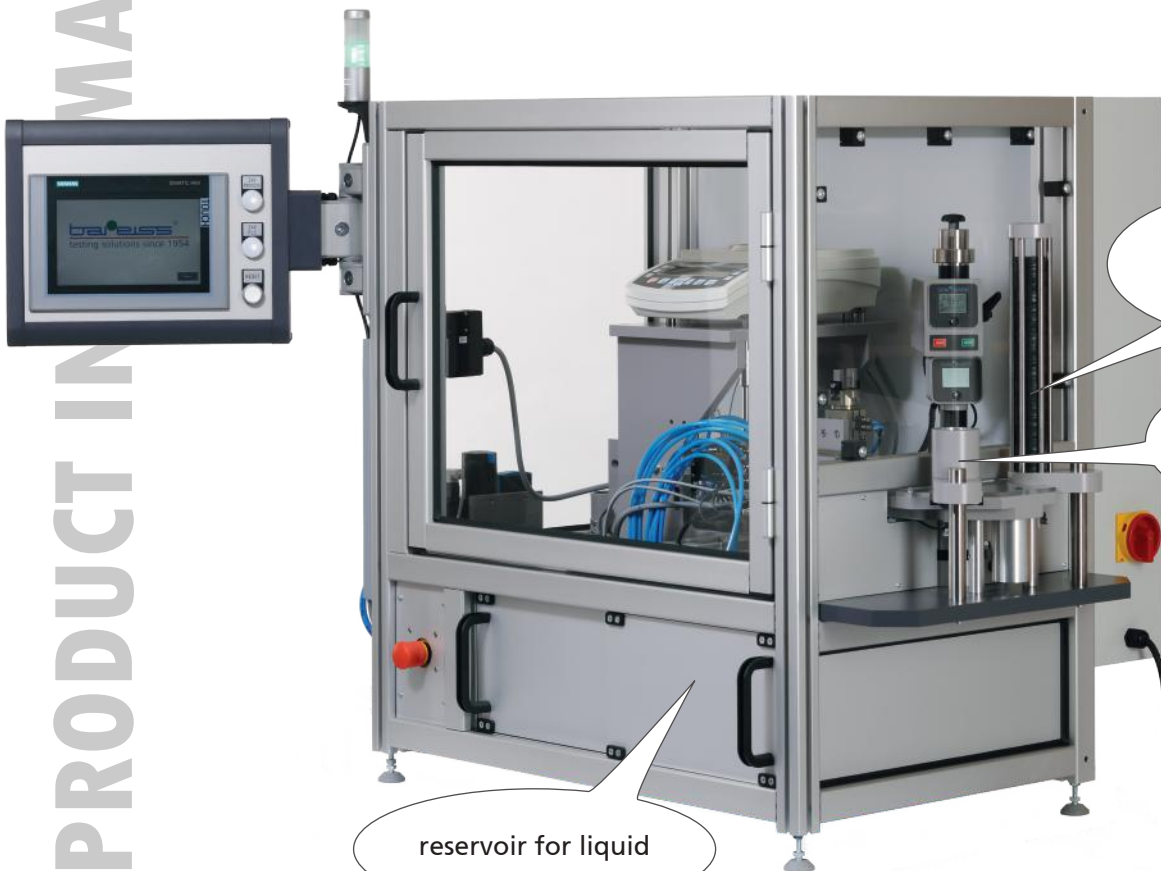


HDA 150



Automatic Hardness- and Density Testing

Hardness acc. DIN ISO 7619, DIN EN ISO 868, ASTM D 2240
Density acc. ISO 2781, DIN EN ISO 1183-1, ASTM D1817



easy control via
9" touch display with
ethernet port



high quality grippers
from Schunk and Festo



controlled process
with sensor technology
from Balluff

PRODUCT INFORMATION

Product Information



HDA 150

Range of application
Hardness and density measurements
on soft rubber, natural rubber
products, etc.

Measuring principle

This automated system performs hardness tests on a multiple number of samples with a digital Shore A durometer. Followed by the hardness tests, the system continues with the density test and samples are disposed automatically.

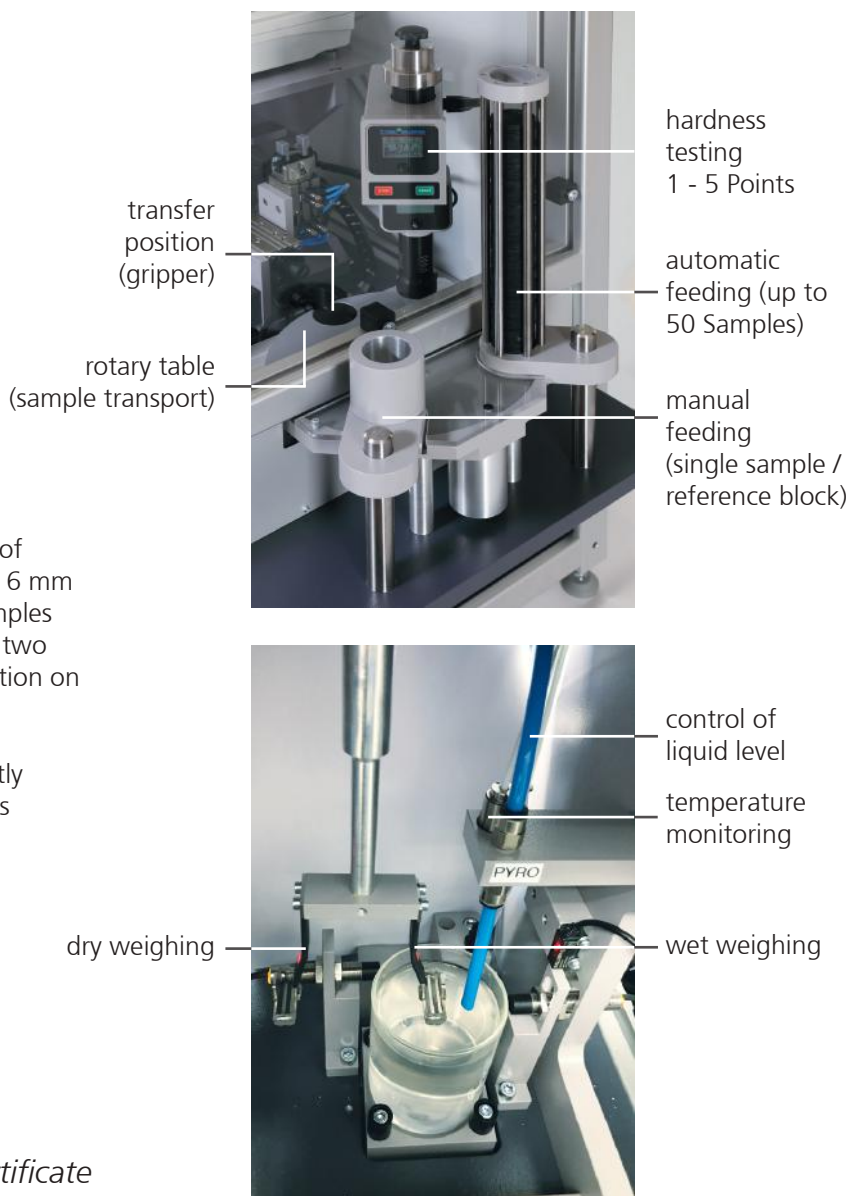
Advantages

- Vertical sample holder for up to 50 pcs of samples in diameter Ø36-42 / thickness 6 mm
- 1 hour operation time for 50 pcs of samples
- Wet and dry operations are handled by two separate grippers to prevent contamination on the subsequent samples.
- The liquid level in the density glass is monitored and regulated instantly
- Controlled process with multiple sensors
- Data management via ethernet

Technical Data

Siemens controller | 9" touch-display
Input: 100-240V; 50-60HZ; 10A |
4-6 bar air pressure
Data output RS 232
Dimensions: LxWxH 900 x 700 x 1000 mm
Weight: 150 kg

Official DAkkS / DKD Calibration Certificate



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D-K-15206-01-00

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as calibration laboratory