TQC sheen

Densimeter H-300S

LD0560

INDUSTRIAL PHYSICS

Protecting
Product Integrity

H-300S Densimeter

The TQC Sheen H-300S Densimeter offers highly precise specific gravity measurements for both solids and liquids, achieving a superior resolution of 0.001 g/cm³.

Accurate and Efficient Density Measurement Designed for versatility, the H-300S combines a high-precision electronic balance with a solid container to deliver reliable density readings. Using Archimedes' principle, it calculates relative density values with automatic display after measurement completion.

Versatile Applications for Various Materials
The H-300S can test a wide range of sample types, including rubber, plastics, metals, glass, and ceramics. It accommodates different sample forms such as granules, fibers, paper, or film. Additionally, it is suitable for testing buoyant solid materials and porous samples with high water absorption.

Stable and Precise Operation
Equipped with a built-in spirit level, the H-300S ensures stable positioning for accurate results. The adjustable feet allow easy leveling, guaranteeing precise density measurements.

Benefits:

- Features a high-precision electronic balance
- Automatic calculation of density
- Fast and easy-to-operate
- Integrated spirit level for balanced measurements
- Compensation of water temperature
- Measures floating samples in water
- Solid sample volume measurements
- Comes with all the accessories you need

Technical Specifications:

Density resolution:	0,001 g/cm3
Scale capacity:	0.01....300g
Measuring time:	air / under water <0 sec. / 0 sec.>, <0 sec. /2 sec.>, <2 sec. / 4 sec.>, <4 sec. / 8 sec.>, <8 sec. / 16sec.>
Dimensions:	190 mm x 218 mm x 170 mm
Net weight:	1,54 kg

Standards

DIN EN ISO 1183 (parts one and two), ASTM D297, ASTM D792, JIS K6350, JIS K6268 A and JIS K7112.

Scope of Supply

Our TQC Sheen Densimeter H-300S comes with a range of helpful accessories:

- Weighing tower
- Plastic water tank
- Support holder
- 200 g weight
- Thermometer
- Tweezers
- Adapter
- Steel angle

Ordering Information:

Catalog Number	Article Description
LD0560	TQC Sheen Densimeter H-300S

Disclaimer
The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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