

# Marmonix MDS-100D

## Digital Shore Durometer

### Data Sheet



### Quick Spec Highlights

- **Model:** MDS-100D
- **Measurement Scale:** Shore D (for hard rubber, resins, and rigid plastics)
- **Measuring Range:** 0–100D
- **Accuracy & Resolution:** ±1 Shore accuracy with 0.1 Shore resolution
- **Power Source:** 1 × 9V Battery (Included)
- **Operating Temp:** 0°C to +50°C
- **Compliance:** Meets ASTM D2240 and ISO 7619-1 standards

### Key Features

- **High-Precision Digital Display:** Features a clear Digital LCD for immediate, error-free hardness readings.
- **Versatile Applications:** Ideal for quality control and R&D testing of hard materials such as rigid plastics and resins.
- **Efficiency Functions:** Includes a Data Hold function for easy recording and an Auto Power-Off feature to conserve battery life.
- **Long-Term Reliability:** Equipped with a built-in calibration feature to ensure measurement accuracy over time.

### Ordering Info

- **Part Number :** 7603801

### Disclaimer

The information contained in this datasheet is believed to be accurate and reliable at the time of publication. However, MarMonix reserves the right to make changes to specifications, features, or design without prior notice. Performance specifications apply under standard laboratory conditions and may vary in different environments. This product is intended for professional use only. MarMonix shall not be liable for any incidental, consequential, or special damages arising from the use of this product.

### Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.

# Marmonix MDS-100D

## Specifications

### Technical Specifications

Feature	Specification
Model	MDS-100D
Measurement Scale	Shore D
Measuring Range	0-100D
Display Type	Digital LCD
Accuracy	±1 Shore
Resolution	0.1 Shore
Pressure Foot Diameter	8 mm
Battery	1 × 9V Battery (included)
Operating Temperature	0°C to +50°C
Storage Condition	Dry, room temperature
Dimensions	160 × 60 × 30 mm
Weight	200 g