

# *IDM*

## *Instruments*

### Foam Porosity Tester

**Model No:** F0016

**Details:** This machine determines of the ease with which air passes through a cellular structure. Airflow values may be used as an indirect measurement of certain cell structure characteristics. A flexible cellular test piece, 50mm x 50mm x 25mm, is placed in a cavity over a vacuum chamber and a specified constant differential air pressure is created. The rate of airflow required to maintain this pressure, is the airflow value.

#### **Application:**

- Flexible cellular polyurethane

#### **Features:**

- Vacuum chamber
- Manometer accurate to 0-250Pa  $\pm 2\%$
- Incline manometer with 2Pa graduations
- Low pressure flow meter
- High pressure flow meter

#### **Standards:**

- AS2282.14
- ASTM D3574 - Test G
- ISO 7231

#### **Options:**

- Not applicable

#### **Connections:**

- Electrical: 220/240 VAC @ 50 HZ  
110 VAC @ 60 HZ

#### **Dimensions:**

- **H:** 850mm • **W:** 600mm • **D:** 200mm
- **Weight:** 40kg



**Representante Oficial para América Latina**  
**REGMED INDÚSTRIA TÉCNICA DE PRECISÃO LTDA.**

tel. + 55 11 3601-5700 fax. + 55 11 3601-5973 [regmed@regmed.com.br](mailto:regmed@regmed.com.br) [www.regmed.com.br](http://www.regmed.com.br)

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