

Transmissiometer

DOT-5



The DOT-5 is designed to measure transparency of the transparent or translucent materials. Measurement data can be stabilized even if the samples are difficult to measure such as those that diffuse light. Examples are transparent samples with subtle roughness, or translucent ones. In addition, the instrument is suitable for measuring the non-transparency (opacity) with the indication down to 0.001%.

Applications

- Food wrapper, drug packing paper
- Plastics, glass and rubber

Specifications

Total spectral sensitivity	Approximating to the combination of CIE standard illuminant D65 and spectral luminous efficiency curve.
Measured area	Approx.20 mm diameter
Illuminated area	30 mm diameter
Optical geometry	Diffuse/Normal geometry
Sample thickness	Max.8 mm
Indicator	4 1/2 digit Digital panel meter
Measurement range	1)0.00 to 100.00% 2) 0.000 to 19.999%
Light Source	Halogen Lamp 12V 50W Life: 2,000hrs nominal
Receptor	Silicon photodiode
Power requirement	100V AC, 50/60Hz 2A
Dimensions	L314×W316×H390 mm
Weight	Approximately 10.5 kg

In the USA, contact:
Avian Technologies LLC
116 Newport Road, The Carriage House
New London, New Hampshire 03257-0092
Tel: (01) 603-526-2420 Fax: (01) 603-526-2729
info@aviantechnologies.com