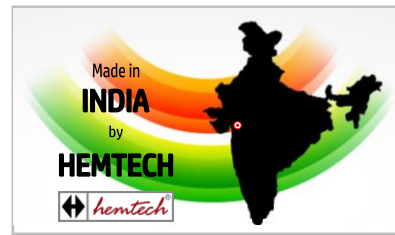


UTM Tensile Compression
 Bending **MFI IZOD Impact ESCR**
HDT/VICAT UL 94 Flammability
 Density Balance **PEEL-BOND COF**
Heat Sealer Falling Dart Impact
OPACITY HAZE colour Tear
MOISTURE GSM Balance
Thickness HOT TACK WVTR OTR
 Leak **Balloon BURST Bursting**
Strength CORE STRENGTH
●IT Hydrostatic Pressure
THERMO-CYCLING Pipe Burst
SCG Notch Cutter Milling Torque
force gauge dosing system
profile control **IBC Control**
LAYFLAT CONTROL *thickness scanner*
chillers Calibration cage screen changer

UTM Tensile Compression
 Bending **MFI IZOD Impact ESCR**
HDT/VICAT UL 94 Flammability
 Density Balance **PEEL-BOND COF**
Heat Sealer Falling Dart Impact
OPACITY HAZE colour Tear
MOISTURE GSM Balance
Thickness HOT TACK WVTR OTR
 Leak **Balloon BURST Bursting**
Strength CORE STRENGTH
●IT Hydrostatic Pressure
THERMO-CYCLING Pipe Burst
SCG Notch Cutter Milling Torque
force gauge dosing system
profile control **IBC Control**
LAYFLAT CONTROL *thickness scanner*
chillers Calibration cage screen changer



Product Guide

OPTICAL PROPERTIES TESTING



Colorimeters

HT – WR & WF Series Portable Colorimeters are balance of god quality and reasonable price. They are very handy and series of different models for various requirement.

HT-WR Series

HT-WR 10

HT-WR 19

Models to measure

- ✓ CIELAB
- ✓ CIELCH
- ✓ CIEXYZ
- ✓ sRGB

Light Source

CIE recommended 8/d
D65
D65 A F (CWF)

Just 700 gms

- ✓ Economical, Efficient & Esthetic
- ✓ CIE 10° Standard Observer
- ✓ Light Source: D65
- ✓ Measuring Range: L 0 TO 100
- ✓ Sensor: Photo Diode Array
- ✓ Memory Sample Type Data: 100 Groups
- ✓ Memory Sample Test Data: 100
- ✓ TFT 2.8" (16:9) True Color Display Screen
- ✓ Interface USB / RS232
- ✓ Li-ion Battery, 5000 measurement
- ✓ Charging time 8 hours

CAL PROPER

HT-WF Series

HT-WF 28

HT-WF 46

Just 700 gms

HT-WF 37

- ✓ Economical, Efficient & Esthetic
- ✓ CIE 10° Standard Observer
- ✓ Light Source: A C D50 D65 F2(CWF) F7 F11(TL84) F12(U30) Contain light way SCI SCE
- ✓ Measuring Range: L 0 TO 100
- ✓ Sensor: Photo Diode Array
- ✓ Memory Type Sample Data: 100 Groups
- ✓ Memory Test Sample Data : 20000
- ✓ Memory Whiteness / Yellowness Data : 200
- ✓ TFT 2.8" (16:9) True Color Display Screen
- ✓ Interface USB / RS232
- ✓ Li-ion Battery, 5000 measurement
- ✓ Charging time 8 hours
- ✓ **COLOR SIMULATION**
- ✓ **WHITENESS / YELLOW NESS**

Models to measure

- ✓ CIELAB
- ✓ CIELCH
- ✓ CIEXYZ
- ✓ Srgb
- ✓ CIELUV
- ✓ HunterLAB

Light Source

CIE
recommended 8/d
45/0 Optional
LED blue excitation

Glossmeters

HT- GM Series

Portable Glossmeters are balance of god quality and reasonable price. Various models with single Angle and Tri Angle are available

Models

HT-GM268
Tri-Angle Gloss meter
20° 60° 85°

HT-GM 60
60°

HT-GM 45
45°



- ✓ Economical, Efficient & Esthetic
- ✓ Single Angle & tri Angle Models
- ✓ ISO-2813, ASTM-C584, ASTM-D523 ,
DIN-67530, ASTM-D2457
- ✓ Measuring Range:
 - 20° : 0 – 2000 Gu
 - 60° : 0 – 1000 Gu
 - 85° : 0 – 160 Gu
 - 45° : 0 – 200 Gu (normally for Films)
- ✓ Resolution : 0.1 Gu
- ✓ Repeatability : 0.2 Gu

Software Glow W available for selected models.

Optical Density Meter

HT-SM10T is Optical Density Meter suitable for measuring optical Density in transmission for the films. Being Digital, it offers easy and accurate measurement of Optical Density in transmission for Metalised Films.



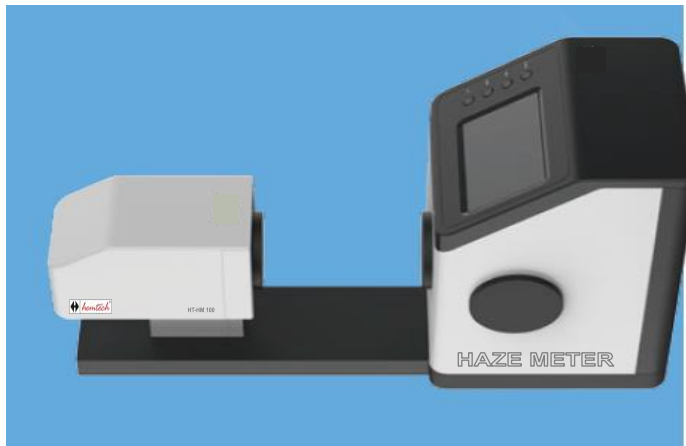
- Measuring Range: 0.00 to 5.00 D
- Repeatability : ± 0.02 D
- Resolution : ± 0.01 D
- Measuring Accuracy : ± 0.02 D (0.00 to 2.00) ,
 ± 0.05 D (2.00 to 4.50),
 ± 0.06 D (4.50 TO 5.00)
- Aperture Size : 2 mm
- Sampling Time : 0.8 Sec
- Display : 3 gigit Digital LED Display
- Light Source: LED
- No Warm-up Time
- Power : 230 V AC Siongle Phase, 50Hz
- Weight : 2.1 Kg
- Dimensions Width : 260 mm X 260 mm X 110 mm
(W X D X H)

Hazemeter

HT-HM 100 is simple to use Digital Light Transmission Rate and Haze Meter. Easy to operate system makes it ideal solution for the Transparency & Haze Test as per Standards. It is simple but fairly accurate. Large LCD Display indicates the value.

Application

Useful for testing transparent and semi-transparent parallel plane samples (films, plastic plates, sheets, Glass, LCD Panels, Solar Panelsetc.) for LIGHT TRANSMITTANCE & HAZE.



Meets or Exceeds

ASTM D1003
ASTM D1044
ISO 13468
ISO 14782

Features

- Micro Controller based
- Confirms to ASTM D 1003, ASTM D 1044, ISO 13468, ISO 14782
- Three Light Source Standard CIE – A, CIE – C & D 65
- Haze & Total Transmittance measurement
- Open measurement area so that one can use any sample size.
- Unique Signal Processing technology which will not have any effect of ambient light
- Vertical as well as Horizontal Instrument orientation allowed.
- No need for WARMUP
- 5" TFT Display with good Human Interface
- Long Life LED source
- Software 'Haze QC' (Optional)

Specification

Mounting	:	Desk Top
International Standards Complied with	:	ASTM D 1003, JISK7105, GB2410
Range Light Transmittance	:	up to 100%
Range Haze	:	up to 30%
Minimum reading Light Transmittance	:	0.1%
Minimum reading Haze	:	0.01%
Accuracy Light Transmittance	:	+/- 1%
Accuracy Haze	:	For H ≤ 0.5%, +/- 0.1% For H > 0.5%, +/- 0.3%
Repeatability Light Transmittance	:	+/- 0.5%
Repeatability Haze	:	For H ≤ 0.5, +/- 0.05% For H > 0.5, +/- 0.1%
Electrical Supply	:	230V, 50 Hz



HEM TECHSYS PRIVATE LIMITED

Regd. Office:
484/B/2, G.I.D.C., INDUSTRIAL AREA,
MAKARPURA, VADODARA – 390 010.

M : +91 8000484484
E : sales@hemtech.in
W : www.hemtech.in

PAN : AACCH1767L
GST : 24AACCH1767L1ZG
CIN : U31900GJ2009PTC056166

HEMTECH follows the policy of continuous improvement and reserves the rights to change the specifications, color & look without notice.