

### The Portable Solution for High Gloss Surfaces

The micro-haze *plus* measures gloss and haze in one measurement procedure - ideal for measurement on the finished product and quality control in the production process, or for technical service at the customer site.

- Haze and Gloss 20°
- Small and portable - fits in any lab coat pocket
- Calibrate in the protective holder by pressing one button
- Menu guided operation
- Statistics with average, standard deviation and storage of measured values
- Interface to PC and printer
- Software easy-link included for direct data transfer to Excel®



#### Ordering Information

Cat. No.	Description
E-4632	micro-haze <i>plus</i>
EE-4632	Extended Warranty one year additional

**Comes complete with:**  
 micro-haze plus  
 Gloss and haze standard in holder  
 incl. certificate  
 easy-link software with interface cable  
 Batteries  
 Leather pouch  
 Operating manual  
 Durable plastic carrying case

#### Ordering Information

Cat. No.	Description
E-4545	BYKWARE easy-link
E-4401	USB-adaptor
E-6819	Interface Cable
E-6648	Printer Paper
E-6650	Portable Printer 230 V
E-6649	Portable Printer 115 V
E-4631	Calibration Holder Haze
E-4513	Calibration Holder Gloss
E-4514	Checking Standard

#### Standards

	Gloss	Haze
ASTM	D 523	E 430
DIN	67530	
DIN EN ISO	2813	13803

#### Technical Specification

Gloss		
Measurement Range	Repeatability	Reproducibility
0 to 180 GU <sup>1</sup>	0.5 GU <sup>1</sup>	1 GU <sup>1</sup>
Haze		
Measurement Range	Repeatability <sup>2</sup>	Reproducibility <sup>3</sup>
10 to 500 HU <sup>2</sup>	1 HU <sup>2</sup>	7 HU <sup>2</sup>

<sup>1</sup>Gloss Units, <sup>2</sup>Haze Units (Hlog), <sup>3</sup>measured on high gloss standard

<b>Measurement Area</b>	9 x 9 mm (0.35 x 0.35 in)
<b>Memory</b>	999 values
<b>Interface</b>	serial RS 232
<b>Batteries</b>	2 Mignon AA 1.5 V approx. 5,000 measurements
<b>Dimensions</b>	148 x 72 x 55 mm (5.8 x 2.8 x 2.2 in)
<b>Weight</b>	600 g (1.3 lbs)

#### Accessories

Software for direct data transfer and documentation in Excel® (see page 20)

For connection to USB-interface, incl. driver software

For data transfer to a PC or printer, Sub-D 9-pins

For portable printer Cat. Nos. GB-6649 and GB-6650

40 columns serial printer including charger 230 V

40 columns serial printer including charger 115 V

Replacement calibration holder with haze tile, certificate included

Replacement calibration holder with high gloss tile, certificate included

High and medium gloss tile for checking purposes, certificate included