

auto-match[®] III Sensor

The last thing a paint department wants to worry about is a broken down color matching system. Therefore the auto-match III has an extremely rugged and reliable design guaranteeing a maintenance-free operation for years.

The instrument uses a 45/0 circumferential illumination in order to match your samples as your eye sees them.

In addition, the auto-match III spectrophotometer offers the following unique benefits:

- Small, compact sensor fits almost anywhere
- No more lost accessories or standards – standards are integrated into the sample clamp
- Temperature stable results without constant calibration – the same matching results are obtained no matter what your store temperature is
- Maintenance is no longer an issue – very low frequency of repair
- Best warranty in the industry – 3-year guarantee on the instrument and 10-year guarantee on the light source
- Excellent inter-instrument agreement – the same accurate results are provided in every store location



Standards

ASTM	D 2244, E 308, E 1164
DIN	5033, 5036, 6174
DIN EN ISO	11664

Certified

Please refer to section Preventive Maintenance

Ordering Information

Cat. No.	Description
1150	auto-match III 45/0, 115 V
1155	auto-match III 45/0, 230 V

Comes complete with:

Spectrophotometer
Black calibration standard
White calibration standard with certificate
Interface cable

Note: Requires separate purchase of the auto-match retail color matching software Cat. No. 1001 or equivalent in order to operate.

Technical Specifications

	Voltage	Geometry*	Aperture
	115 VAC, 60 Hz	45/0	11 mm
	230 VAC, 50 Hz	45/0	11 mm
Spectral Range	400 - 700 nm, 20 nm resolution		
Repeatability¹	0,01 ΔE* (10 consecutive measurements on white)		
Reproducibility¹	0.20 ΔE* (average on 12 BCRA II tiles)		
Operating Temperature	10 to 42 °C (50 to 110 °F)		
Relative Humidity	up to 85%, 35 °C (95 °F) non-condensing		
Dimensions	14.6 x 13.3 x 24 cm (5.75 x 5.25 x 9.5 in)		
Weight	3.3 kg (7.3 lbs)		

¹ Standard deviation

* Sphere d/8 geometry on request.