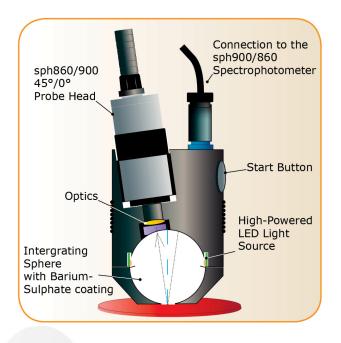
ColorLite sph900/sph860 accessories

Probe Head adapter MA35-UK





Colour Measurement

One device - two geometries 45°/0° and d/8°

- Converts the 45°/0° probe head of the sph900/860 spectrophotometer to a d/8° probe head according to DIN 5033
- Ensures result compatibility to all your customers and suppliers who are using different probe head geometries

With colour measuring devices there are two main geometries in use. These are described in the DIN NORM 5033 and distinguish mainly in the type of illumination; direct or diffuse. A probe head with a 45°/0° geometry illuminates the sample with a direct light source at 45° and measures the diffuse remitted light at zero degrees (0°). A probe head with a d/8° geometry illuminates the samples with a diffuse light source and measures the remitted light at an angle of eight degrees (8°). Because of this fundamental difference the two geometries are not compatible.

By using our MA35-UK adapter convert your ColorLite sph900/860 spectrophotometer into a combi device with the two main standardised geometries. This is dicisive to ensure a 100% compatibility to all your customers or suppliers, who will be using either a 45°/0° **or** a d/8° geometry.



MA35-UK - used for transmission measurements



MA35-UK on a Stand for powder measurements



MA35-UK d/8° probe head



Am Zimmerplatz 2 37191 Katlenburg-Lindau Tel.: +49(0)5552 999 580 Fax: +49(0) 5552 999 589 Email: info@ColorLite.de

Features:

- Scanning area 6 mm or small 3 mm spot for special applications, with or without gloss trap
- Operation and power supply direct from the sph860/sph900 spectrophotometer
- Integrating sphere with a perfect diffuse barium sulphat coating
 - The d/8° adapter is automatically detected by the device
- Extremly durable high powered Light emmiting diodes LEDs
- Robust casing made of lightweigth Polyoxymethylene (POM)
- Integrating sphere with a perfect diffuse barium sulphate coating
- Supplied with certified white BAM (Bundesanstalt für Materialforschung) standard and black reference

Applications:

Converts the 45°/0° probe head of the Colorlite sph860/sph900 spectrophotometer into a d/8° probe head. This insures that results are compatibly to all colour measuring systems on the market, using a standardised probe head according to DIN5033.

Technical Data:

Measurement geometry:	d/8° without gloss trap - specular included - specular excluded is optional
Light source:	High powered white and blue LED'S with a lifespan of over 10 years
Power supply:	1 watt - supplied direct from the sph860/sph900
Material:	Polyoxymethylene (POM)
Dimensions:	55 mm diameter x 78 mm
Weigth:	210 g
Aperture:	8 mm / 4.5 mm
Measuring area:	6 mm / 3 mm
Coating:	Barium Sulphate
Calibration:	With certified BAM white standard and black reference

Delivery includes:

- Probe head adapter MA35-UK
- White BAM calibration standard and black reference
- Certificate from the BAM (Bundesanstalt für Materialforschung) Berlin

Available accessories:

- V-Block for measuring cylindrical samples
- Set for measuring powders with device holder, optical cuvette and stand
- Horizontal holder for transmission measurements of liquids, plastics etc.



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