Colour Measuring Equipment

Overview Optional Accessories

Please see our brochure with information about our range of devices.

Optional accessories for ColorLite Spectrophotometer

Probe Head Adapter MA25

For inhomogeneous samples such as granules.

With auxiliary light source.

Expands measuring spot to 25 mm

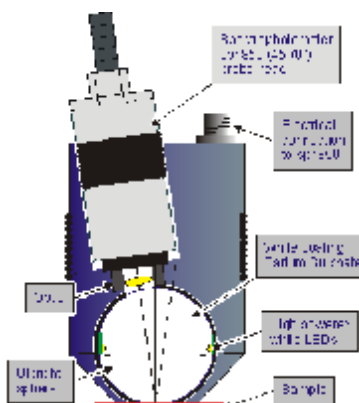Including white ceramic working standard - large

Article number: **13321**

Probe Head Adapter MA35-UK

• Adapter for standard probe head of the spectrophotometer.
  Enables the use of a d/8° geometry according to DIN 5033 and
  a 45°/0° geometry in one device.
• White high power Light Emitting Diodes LEDs.
• robust casing made of Polyoxymethylene (POM).
• Operation and power supply direct from the Spectrophotometer
• Including Black reference
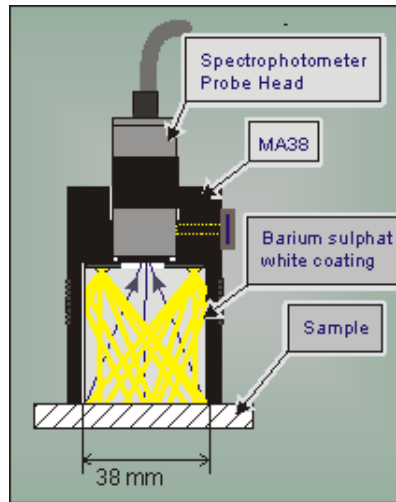
Article number: **13341**

Probe head adapter MA38

Adapter for measuring inhomogenius

samples such as granulates and powders

- extends the measuring spot of the standard probe head to 38 mm.
- Light source high powered white LEDs
- Casing made of Polyoxymethylene (POM)
- Operation and power supply from spectrophotometer
- included white ceramic calibration standard

Article number: **13331**

Cuvette holder CA10

for measuring of opaque liquids

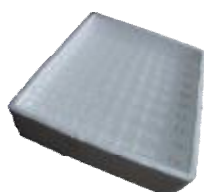can be used with disposable cuvettes

Optimal fitting of the cuvette through sprung spectrophotometer
probe head

- resistant housing made of Polyoxymethylene (POM)
- Dimensions: 100 x 40 x 40 mm, weight 190 g

  Including:
  - 100 disposable cuvettes
  - Software modification of the Spectrophotometer

Article number: **13451**

Disposable Cuvettes

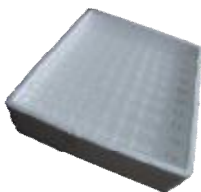Material: Polymethylmethacrylat

12,5 * 12,5 * 45mm

100 Pieces in Styropor box

Article number: **15334**

Set CA10 for measuring opaque liquids
for using with disposable cuvettes

Optimal fitting of the cuvette through sprung spectrophotometer probe head
resistant housing made of Polyoxymethylene (POM)
Dimensions: 100 x 40 x 40 mm, weight 190 g
Incl. Calibration standard
Incl. 100 disposable cuvettes
Attached to:
Holder for the spectrophotometer that is easily clipped on and off with the viewing angle adjusted as needed.
Material: Aluminium
With integrated junction to the power supply (100-240 VAC)

Article number: **13452**

Disposable Cuvettes

Material: Polymethylmethacrylat

12,5 * 12,5 * 45mm

100 Pieces in Styropor box

Article number: **15334**

Set for measuring opaque liquids
for using with disposable Petri dishes

Comprising of :
• Holder for device (material aluminium; the spectrophotometer can be easily clipped on to the holder and the viewing angle adjusted as needed; with integrated junction to the power supply (100-240 VAC)
• Probe head holder with rod
• Disposable Petri dishes 40 Pcs
• White ceramic working standard, large
• Light proof cover

Article number: **13491**
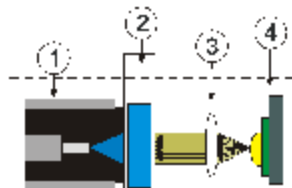
Cuvette holder CA10-LS

for transmission measurement of transparent liquids with internal
light source and collimator. Can be used with disposable cuvettes .

- Optical path 10 mm
- With regulated light source and collimator
- Optimal fitting of the cuvette through sprung spectrophotometer
  probe head
- Resistant housing made of Polyoxymethylene
- Light source: White LUXEON LED (-LS)
- Dimensions: 100 x 40 x 40 mm, weight 190 g
- Control and power supply direct from the spectrophotometer
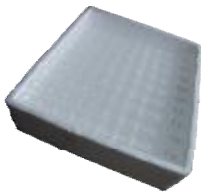
Including:
- 100 disposable cuvettes
- Software modification of the Spectrophotometer

Article number: 13461

Schematic diagram CA10-LS

1 sph850 probe head
2 Disposable cuvette
3 Collimator
4 Light source

Disposable Cuvettes
Material: Polymethylmethacrylat
12,5 * 12,5 * 45mm
100 Pieces in Styropor box

Article number: 15334

Set CA10-LS for measuring transparent liquids
for using with disposable cuvettes

- For transmission measurement of transparent liquids
- With regulated light source and collimator
- Optical path 10 mm
- Optimal fitting of the cuvette through sprung spectrophotometer probe
  head
- Resistant housing made of Polyoxymethylene
- Light source: White LUXEON LED (-LS)
- Dimensions: 100 x 40 x 40 mm
- Control and power supply direct from the spectrophotometer
- Incl. 100 disposable cuvettes
- Incl. software modification of the spectrophotometer
- Attached to:
- Holder for the spectrophotometer that is easily clipped on and off with
  the viewing angle adjusted as needed, with integrated junction to the
  power supply (100-240 VAC)

Article number: 13462

Set for measuring translucent liquids

Comprising of:
• Optical cuvette, cylindrical, special glass, Dimensions 30 x 50 mm (hxd)
• Reflector, white ceramic with spacer
• Probe head holder with rod
• Light proof cover
• Holder for device and probehead, The spectrophotometer can be easily clipped on to the holder and the viewing angle adjusted as needed; with integrated junction to the power supply (100-240 VAC)

Article number: **13492**

Optical cuvette for reflexion measuring
cylindrical made of special glass
Dimensions 30 x 50 mm (height x diameter)

Article number: **15332**

Set for measuring powders with Holder
Set includes holder for the spectrophotometer that is easily clipped on and off with the viewing angle adjusted as needed.
Material: Aluminium
With integrated junction to the power supply (100-240 VAC)

Also comprising of components needed for measuring powders or opaque liquids:
• Probe head holder
• Light proof cover
• White ceramic working standard – large
• Optical cuvette, cylindrical made of special glass, Dimensions: 25 x 34 mm

Article number: **13483**

Cuvette for optical measurements

Cylindrical made of optical glass

Dimensions: 25 x 34 mm (h x d)

Article number: **15331**

Space reducer for glass cuvettes
for measuring small volumes

Article number: **15335**

Set for measuring pressed powders
Comprising of:
• Holder for Spectrophotometer (material: aluminium; with integrated junction to the power supply (100-240 VAC))
• Probe head holder with rod
• Glass dish
• powder holder with piston
• white ceramic standard, large

Application: Measuring very fine powder (Powder has to be pressed before measuring), **Advantage**: very good repeatability

Also needed:
12461 Powder Press   Article number: **13481**

Set for measuring inhomogeneous samples
Comprising of:
• Probe head adapter for measuring inhomogenius samples MA38 (extends the measuring spot of the standard probe head to 38 mm); Light source high powered white LEDs; Casing made of Polyoxymethylen (POM); Operation and power supply from spectrophotometer) attached to
• Holder for device (material aluminium; the spectrophotometer can be easily clipped on to the holder and the viewing angle adjusted as needed; with integrated junction to the power supply (100-240 VAC)
Included
- White ceramic calibration standard 38 mm diameter
- Optical cuvette, cylindrical made of special glass, Dimensions: 30x50 mm (hxd)
- Light proof cover

Article number: **13332**

Holder for Spectrophotometer
Holder for device and probehead, material aluminium.
The spectrophotometer can be easily clipped on to the holder and the viewing
angle adjusted as needed. The type of probehead holder depends on the application.
With integrated junction to the power supply (100-240 VAC)

Article number: **13471**

Powder Press
For compressing fine powder samples into tablet
forms. Powder set no. 13481 is needed

Technical data:
Compressive force : 1,5 kN
Dimensions: 110 x 360 x 160 mm (w x h x d)
Weight: 7,5 kg

Article number: **12461**

Accessory for measuring coarse Powder
Supplied with 2 replacement glass plates

Application: Measuring inhomogeneous powder

Article number: **13431**

Powder Holder

Accessory for measuring powder in small amounts.
With adjustable probe holder and 2 replacement glass plates

Article number: **13571**

Working Standard, Small
White ceramic standard 10 mm diameter for calibration
Used to protect the BAM-white-standard which is included with the
standard ColorLite sph-devices

Article number: **13521**

Working Standard, Large
White ceramic standard 38 mm diameter for calibration
Used to protect the BAM-white-standard which is included with the standard ColorLite sph-devices

Article number: **13531**

Green tile

Green ceramic standard, 5 x 5 cm, in a protective casing.

Used for checking the long term stability of the

spectrophotometer

Article number: **13591**

Calibration Standard, black
5 x 5 cm, in a protective casing
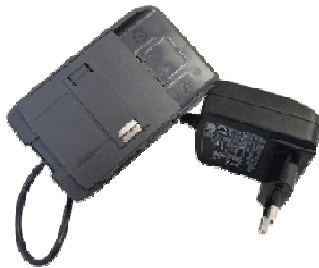
Article number: **13621**

Target Device
For positioning probe head on very small areas

Article number: **13511**

Protection Casing with Strap
With transparent front and Velcro fastener,
lightly padded, with adjustable and detachable
strap. Holder for probe head

Article number: **13501**

Power Supply
Included with international adapter
6V, 1,5A (110-240V, 50/60 Hz)

Article number: **13401**

Rechargeable Battery
NiMH 6 Volt / 1100mAh

Article number: **13411**

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