

DropSens releases different accessories suitable to perform spectroelectrochemistry measurements with our equipments or with any kind of optical equipment:

Transmission fiber VIS-UV

Ref. **TFIBER-VIS-UV**

Transmission fiber VIS-UV designed to perform transmission experiments suitable to work with our Transmission Cell for transparent Screen-Printed Electrodes or with any conventional cell.



Specifications

- External Material: aluminum
- Fiber Description: Solarization Resistant Silica UV/VIS fiber
- Number of Fibers: 1
- Fiber Numerical aperture: 0.22 ± 0.02 (equivalent to an acceptance angle of 24.8° in air)
- Diameter of Fiber: $200 \mu\text{m}$
- Wavelength (nm): 190-1250
- Terminations: SMA905 each end with plastic dust caps
- Sheathing: Stainless steel monocoil
- Temperature: Ambient
- Length/Meters: 1

Reflection probe VIS-UV

Ref. **RPROBE-VIS-UV**

Reflection probe VIS-UV designed to perform reflection experiments suitable to work with our Reflection Cell and our Transmission Cell for our Screen-Printed Electrodes or with any conventional cell.



Specifications

- External Material: polyimide
- Fiber Description: UV/VIS fiber
- Number of Fibers: 7
- Fiber Numerical aperture: 0.22 ± 0.02 (equivalent to an acceptance angle of 24.8° in air)
- Diameter of Fibers: $200 \mu\text{m}$
- Wavelength (nm): 190-1250
- Terminations: 6 Illumination around 1 read fiber Peek tip, 6.35 mm, 76.0 mm L SST probe to 2 SMA905's with plastic end caps.
- Sheathing: Grey Silicone monocoil
- Temperature: Ambient
- Length/Meters: 2

Collimator Lens

Ref. CLENS

Collimator lens suitable to work with our Transmission Cell and transparent Screen-Printed Electrodes or with any conventional cell.



Specifications

- External Material: stainless steel lens holder
- Description: Single Lens UV
- Focal length: 10 mm (adjustable collimator using a 1" OD Hex stainless steel lens holder)
- Lens Material: f/2 fused silica
- Diameter: 200 μm
- Wavelength (nm): 190-1250
- Terminations: SMA 905
- Connector threads: 3/8-24 external thread
- Operation Temperature: 150 °C
- Characteristics: When used with a 200 μm NA=0.22 step index multimode fiber, the expected collimated beam diameter will be about 4.4 mm with a full beam divergence angle about 20 mrad.
- Temperature: Ambient
- Length/Meters: 2.076

A specific cable connector that act as an interface between the Screen-Printed Electrode and any potentiostat (ref. CAC) or **DropSens** potentiostats (ref. CAST) are available.

Related products



SPELEC



AUTR10



P10



ITO10



TRANSCCELL



REFLECELL

Full Catalogue



Parque Tecnológico de Asturias - Edif. CEEI. 33428 LLanera (Asturias). Spain
(+34) 985 27 76 85 - info@dropsens.com - www.dropsens.com

Contact Form

