

Product Note P35

Optical platform



The Optical platform is a "bench" that facilitates the fixation of the Ivium ModuLight at a precise distance from the illuminated object. Both the positioning clamp of the ModuLight and that of the object/cell can be moved along the length of the bench for optimal positioning. The bench is equipped with a distance scale in cm/mm.

The Optical platform is constructed from aluminium and has sufficient weight to ensure its stability. The positioning clamp for the cell can be adjusted in height by manually positioning the vertical rod, and is also equipped with a rotating ring for fine-tuning of the height.

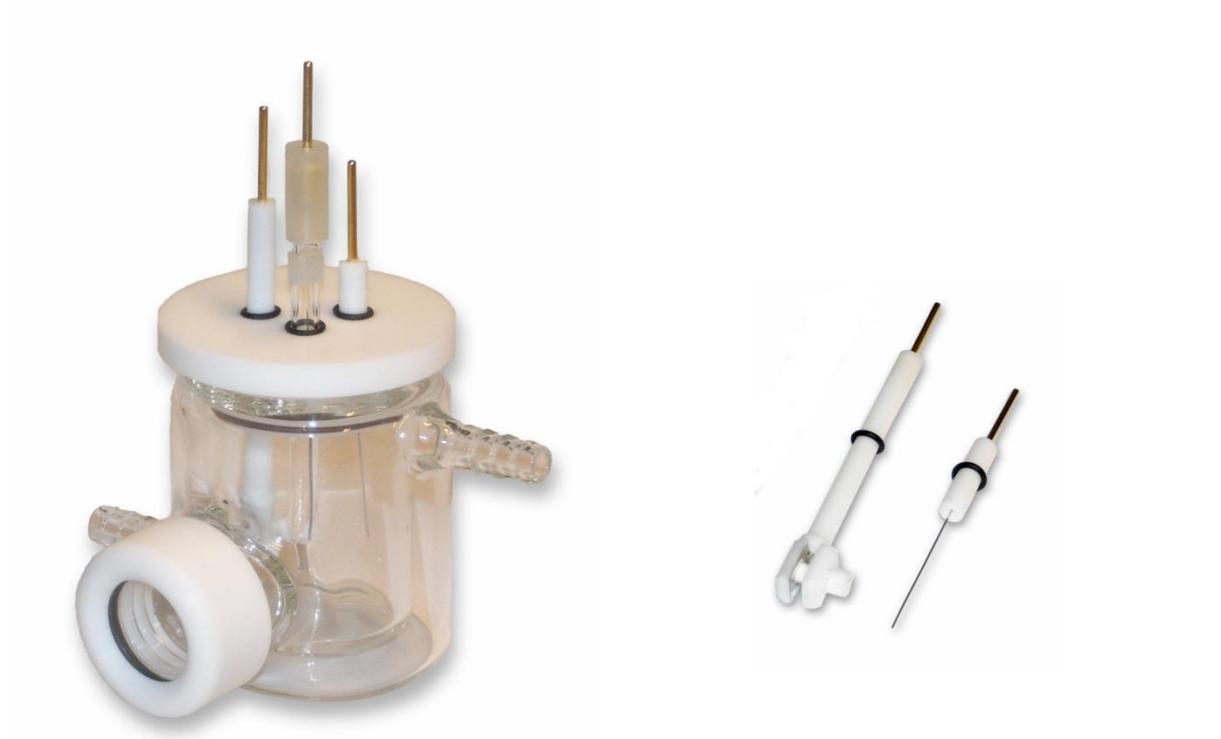
Specifications:

Material:	Aluminium and stainless steel
Weight:	3.75 kg
Length:	500 mm
Height:	190 mm
Width:	120 mm



Optionally included with the Optical platform is a water jacketed 40ml glass cell that fits the cell positioning clamp. The glass cell is equipped with a quartz glass window to allow the light to pass through. A lid with a sealing ring is provided with 3 openings for the counter electrode, reference electrode and working electrode.

Included with the cell are a Pt-counter electrode and a Teflon working electrode-holder with Pt-contacts.



Specifications:

Weight: 0.275 kg
Inside diameter: 35 mm
Inside height: 55 mm
Volume: 40 ml
Lid: Teflon with seal

Quartz window:
Diameter: 22 mm
Distance from cell centre: 50 mm

Working electrode holder: Teflon rod and screws with Pt-contact
Counter electrode: Platinum
Electrode holes: $d = 6 \text{ mm}$

Spares: 1 x Lid seal, 1 x Quartz window seal, 10 x Electrode seal



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