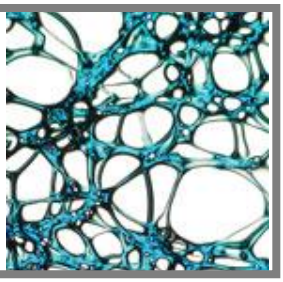
Physics

From classic and cutting-edge apparatus and demos, to time-saving activities, durable equipment, and essential supplies for your lab - we have what you need to turn physics lessons into physics connections.



Specifications:

Emitter:

Generator frequency: ≤ 20 MHz
Multi-frequency probe: 1 – 13 MHz
Frequency increment: 1 Hz
Output signal: Continuously adjustable sinusoid of 5 – 60 Vpp, separately switchable
Monitor signal: TTL 0–5 V, square
Laser output: 3 V DC, max. 300 mW, separately selectable with indicator light
Connections: 5.5 mm laser diode, BNC ultrasonic probe, 2x BNC frequency generator, and USB
Display: Voltage/frequency
Power consumption: 5-60 VA; failure @ 100 VA
Mains voltage: 90 – 230 V, 50/60 Hz
Fuse: T630 mA @ 115 V; T315 mA @ 230 V
Dimensions: approx. 25.6 x 18.5 x 16.0 cm

Test Vessel :

Test vessel: 100x100x120 mm^3
Testing volume: approx. 1 litre
Laser fixture: 18 mm dia.
Lens: Plano-convex, f=100 mm, 16 mm dia.

Green Laser Diode:

Wavelength: approx. 532 nm
Power: < 5 mW
Supply voltage: 3 V DC
Current consumption: max. 250 mA
Dimensions: 90 mm x 17 mm dia.

Red Laser Diode:

Wavelength: approx. 650 nm
Power: < 1 mW
Supply voltage: 3 V DC
Current consumption: max. 30 mA
Dimensions: 90 mm x 17 mm dia.