

Spectroscope, diffraction grating

16+

- Designed to observe colour diffraction
- Separates white light into all colours of the spectrum, identifies bright line and dark line spectra
- Supplied with teachers' guide that includes thought provoking questions

HEALTH WARNING: The spectroscope must not be aimed directly at the sun, direct viewing of the sun can cause permanent eye damage, or blindness.

Catalogue No
XFT-510-T



Spectral tube holder and power supply unit

- Comprises a portable lamp with variable intensity, which can be adjusted to align perfectly with the collimator of a spectrometer
- Power supply delivers 6kV at 2mA
- Spectral tubes from 210 to 240mm in length required (Not supplied)

Catalogue No
XFT-400-010Y

Accessories

Spectral tubes 70mm x 6.5mm (l x dia)

Catalogue No	Description
XFU-201-510L	Neon
XFU-201-520Y	Mercury
XFU-201-530F	Hydrogen
XFU-201-540C	Helium
XFU-201-550W	Argon
XFU-201-560T	Oxygen
XFU-201-570Q	Krypton
XFU-201-580N	Nitrogen

Ultraviolet Lamps

- Range of hand held lamps ideal for educational use
- Dimensions, mm:
378 x 81 x 64
- Electrical supply:
230V, 50/60Hz, 60w



Spectroscope, direct vision

- For the rapid examination of spectral composition of white light sources
- Gives a brilliant spectrum with a dispersion of approx. 11°
- Variable width slit, adjustable with end piece
- Supplied in wooden case

Catalogue No
XFT-550-010L

Catalogue No	Description
LCF-445-010X	1 x 254nm/365nm (multiband) tubes
LCF-445-020L	1 x 365nm tube
LCF-445-030Y	1 x 254nm tube
LCF-445-040F	1 x 365nm tube + 1 x 254nm tube (2UV)

Accessory and Spare Parts	
LCF-447-020W	34-0034-01 Longwave tube
LCF-447-030T	34-0013-01 Shortwave tube
LCF-447-040Q	34-0015-01 Shortwave/longwave multiband tube
LCF-447-504A	98-0016-03 J-129 Lamp stand