

Spectrum Tubes

Set of 6 Tubes



HL3784-001

Description:

Set of 6, high quality 12mm diameter by 208mm long Spectrum Tubes in foam housing. The following table lists the element and gas discharge colour of each tube.

- Hydrogen (H) Light Purple
- Helium (He) Light Orange
- Mercury (Hg) Light Blue
- Nitrogen (N) Red / Purple
- Argon (Ar) Purple
- Neon (Ne) Red / Orange

The tubes can be excited by either the IEC 'Rhumkorff Coil' EM3450-001 or by the IEC special very high voltage Power Supply HL3785-001 which is made for the purpose. Some of the gases have faint glow, therefore the tubes are best viewed in dark surroundings.

These tubes are suitable for the examination of spectral lines using a simple IEC hand held Spectroscope HL3791-001 or by a more advanced spectrometer to see the spectral lines more clearly and more accurately.

Note:

Do not energise Spectrum Tubes for any longer time than is necessary for the experiments. The quality of the gases will, over time, suffer with prolonged use. This is especially true with Hydrogen and Nitrogen (also Oxygen – if used for too long).

Length: 270mm	Width: 205mm	Height: 60mm	Weight: 10g
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