

Control Unit for Spectrum Lamps

Control unit for operating spectral lamps (P-1003537 – P-1003546), including a lamp housing on a stand rod. A second lamp housing on a stand rod can be clamped to the rear side of the stable metal housing and connected to the electricity supply. A switch on the front can be used to change over between the right-hand and left-hand spectral lamps.

Maximum output current: 1 A

Lamp housing: 180 mm x 50 mm diam.
 Tripod rod: 300 mm x 10 mm diam.
 Lamp socket: Pico 9
 Dimensions: approx. 255x175x135 mm³
 Weight: approx. 5.3 kg

Contents:

1 Control unit
 1 Lamp housing on a stand rod with a 7-pole connection cable

Control Unit for Spectrum Lamps (230 V, 50/60 Hz)

P-1003196

Control Unit for Spectrum Lamps (115 V, 50/60 Hz)

P-1003195

Additionally recommended:

P-1003197 Lamp Housing on a Stand Rod

Lamp Housing on a Stand Rod (not shown)

Additional lamp housing with a cable for connecting to a spectral lamp ballast coil (P-1003196 resp. P-1003195).

P-1003197

Spectrum Tube Power Supply

Control unit for stable operation of spectral tubes (P-1003402 – P-1003417). The integrated current limiter ensures a long service life of the tubes. Spring-contacts in fully insulated fixtures and a protective window guarantee secure mounting and reliable operation.

Voltage: 5000 V
 Maximum current: 10 mA
 Dimensions: approx. 370x120x90 mm³

Spectrum Tube Power Supply (230 V, 50/60 Hz)

P-1000684

Spectrum Tube Power Supply (115 V, 50/60 Hz)

P-1000683

Spectrum Tubes

High luminance spectral tubes emitting the line or band spectrum of a gas or mercury vapour. Partly evacuated capillary glass tubes filled with gas or mercury vapour are furnished with electrodes for the application of a voltage to generate the electrical field that provides the necessary energy.

Capillary length: 100 mm
 Total length: approx. 260 mm

Spectral Lamps

Gas discharge lamps for emitting line spectra of inert gases and metal vapours with high luminance and spectral purity.

Socket: Pico 9
 Operating current: max. 1A
 Weight: approx. 350 g

Spectral lamps may only be operated with the control unit for spectral lamps (P-1003196 or P-1003195).

Additionally required:

P-1003196 Control Unit for Spectrum Lamps (230 V, 50/60 Hz) or

P-1003195 Control Unit for Spectrum Lamps (115 V, 50/60 Hz)

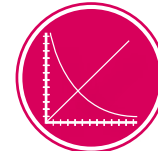
P-1003537/
P-1003546



Art. No.	Filling
P-1003537	Cd
P-1003539	He
P-1003541	Na
P-1003543	Ne
P-1003544	Tl
P-1003545	Hg 100
P-1003546	Hg/Cd



P-1003196
P-1003195



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P-1000684
P-1000683



Additionally required:

P-1000684 Spectrum Tube Power Supply (230 V, 50/60 Hz) or

P-1000683 Spectrum Tube Power Supply (115 V, 50/60 Hz)

Art. No.	Filling
P-1003402	Air
P-1003403	Argon
P-1003404	Bromine
P-1003405	Carbon dioxide
P-1003406	Chlorine
P-1003407	Deuterium
P-1003408	Helium
P-1003409	Hydrogen
P-1003410	Iodine
P-1003411	Krypton
P-1003412	Mercury
P-1003413	Neon
P-1003414	Nitrogen
P-1003415	Oxygen
P-1003416	Water vapor
P-1003417	Xenon

Recording the
line spectrum of
hydrogen



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