



Power Supplies for Deuterium Lamps from Heraeus Noblelight



The electrical characteristics of the power supply have considerable influence on the operation of deuterium and VUV lamps.

Heraeus has developed power supplies for especially low noise levels and long lamp life through carefully controlled ignition.

Heraeus power supplies are available in two versions:

- Enduser version (benchtop)
- OEM-version (for installation in other instruments)

TECHNICAL DATA AND SPECIFICATIONS

Model:	PSD 184	PSD 185	PSD 186
Version:	OEM	OEM	benchtop
Housing:	no	no	yes
Deuterium lamp (W):	30	30	30
Anode current (mA):	300	300	300 mAdc fixed, 100 - 400 adjustable
Heater voltage/warm-up (V):	2.5	2/2.5/3/10/12/15	2 / 2.5 / 3 / 6 / 9 / 10 / 12
Heater voltage/operation (V):	0	0	0-7
Dimensions (LxWxH - mm):	215 x 127 x 60	100 x 100 x 36	235 x 260 x 155
Weight (kg):	0.6	0.16	3.3
Model:	PSD 200	C713	C713B2
Version:	benchtop	benchtop	OEM
Housing:	yes	yes	no
Deuterium lamp (W):	200	30	30
Anode current (mA):	800 - 1800 adjustable	230 - 310 preset	230 - 310 preset
Heater voltage/warm-up (V):	6	10	10
Heater voltage/operation (V):	3	0 - 2.5 or 0 - 7.5	0 - 2.5 or 0 - 7.5
Dimensions (LxWxH - mm):	210 x 175 x 300	260 x 250 x 140	260 x 250 x 140
Weight (kg):	12	5.15	3.8

ORDER INFORMATION

Model	Description	Heater Voltage	Part No.
C713/10	Power supply, Heraeus C713, bt-version	10.0 V	80017427
C713 B2-10	Power supply, Heraeus C713, OEM version	10.0 V	80017425
C720	Power supply, Heraeus C720, for pulsed deuterium lamps, bt-version	10.0 V	80017429
C720 B2	Power supply, Heraeus C720, for pulsed deuterium lamps, OEM version	10.0 V	80017430
PSD 184	Power supply, Heraeus PSD 184, OEM version	2.5 V	80000267
PSD 185	Power supply, Heraeus PSD 185, OEM version	2.0 / 0 V	80000252
PSD 185	Power supply, Heraeus PSD 185, OEM version	2.0 / 1 V	80006380
PSD 185	Power supply, Heraeus PSD 185, OEM version	2.5 / 0 V	80000253

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ORDER INFORMATION (continued)

Model	Description	Heater Voltage	Part No.
PSD 185	Power supply, Heraeus PSD 185, OEM version	2.5 / 1 V	80033358
PSD 185	Power supply, Heraeus PSD 185, OEM version	3.0 / 0 V	80051803
PSD 185	Power supply, Heraeus PSD 185, OEM version	3.0 / 1 V	80051804
PSD 185	Power supply, Heraeus PSD 185, OEM version	10 / 6 V	80038340
PSD 185	Power supply, Heraeus PSD 185, OEM version	12.0 / 3 V	80000254
PSD 185	Power supply, Heraeus PSD 185, OEM version	12.0 / 0 V	80040607
PSD 185	Power supply, Heraeus PSD 185, OEM version	15.0 / 0 V	80045039
PSD 186	Power supply, Heraeus PSD 186, bt-version	2/2.5/3/6/9/10/12 V	80026960
PSD 200	Power supply, Heraeus PSD 200, for 200 W deuterium lamps, bt-version	6.0 V	45006028

Current prices at: www.msscientific.de/lamppowersupplies_pdfpricelist.pdf.