



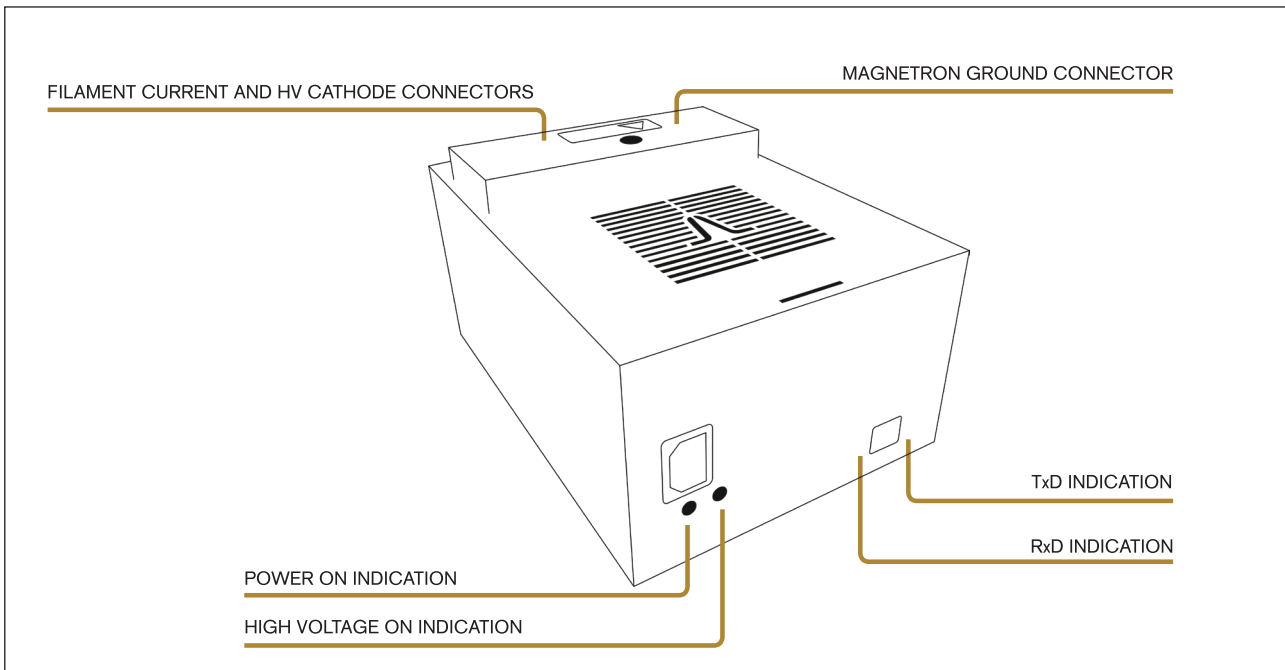
POWER SUPPLY START KIT

THE MAGDRIVE START KIT is a ready-to-use kit designed to explore the benefits of a MagDrive power supply in various environments.

Using a Start Kit the behaviour of the magnetron can be monitored and evaluated under various load conditions. Thanks to its compact size and a quick setup, the MagDrive Start Kit is fit for tests in many different industry and laboratory settings.

INCLUDED PRODUCTS

MagDrive 1000 1kW power supply, completely boxed with cooling fan
1kW 2450 MHz standard magnetron
High Voltage Cables (1 meter)
Data Control Cable
Software for PC, Windows



ELECTRICAL PERFORMANCE	APPROVALS AND ENVIRONMENT
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INPUT DATA	
Mains voltage	208-240VAC ±10%
Mains frequency	50-60 Hz
Power factor	>0.95 @ 230VAC / 100% power
OUTPUT DATA	
Anode power	100-1320W 1% steps. Regulated $P=U \cdot I$
Anode voltage	3.8-4.3 kV (Application dependant)
Filament current	4-10 A. Automatic reduction
Efficiency	>93% @ 100% power
CONTROL	
Communication	Optically isolated rs232
0-10DVC	Optional
Standalone	@VAC or @closing contact
Setpoints	Anode, filament, protection levels
Feedback	Anode W, anode current, filament current, alarms, temp, running hours

2014/35/EU LVD	Electrical Safety SS-EN 61 010-1
Standard	
2004/108/EC EMC	
Standard	SS-EN 61326-1: 2013
Emission	SS-EN 61326-1:2013, SS-EN 61000-3-2:2006, -A1:2009, -A2:2009, SS-EN 61000-3-3:2008
Immunity	SS-EN 61000-4-2 through -8, SS-EN 61000-4-11

MECHANICAL DATA	
Weight	2.4 kg
Overall dimensions	Length 230 mm Width 165 mm Height 120 mm

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