



Manitou Systems Inc.



***BDISCOM
SRL***

***PRODUCT
GUIDE***

- BDS-MF 40KHZ PLASMA GENERATOR
- BDS-ARC CATHODIC ARC GENERATOR
- BDS-HF 13.56MHZ RF GENERATOR
- BDS-AMN AUTOMATIC MATCHING UNIT
- BDS-HF BLACKBOX RF GENERATOR
- BDS-GLOW DC HV GENERATOR
- PLASMA MATRIX RF ETCH REACTOR

Manitou Systems Inc. is proud to distribute these quality plasma and thin film products. Located in the Milan region of Italy, Bdiscom Srl designs and manufacturers strategic power system components used in thin film deposition processes. Bdiscom offers high quality products to both OEMs and End Users.

BDS-MF Generator

- 40 KHz operational frequency
- 5, 10 or 15kW output power models
- 5kV standard & 7kV optional output voltage
- Built in transformer with balanced outputs

BDS-ARC Cathodic Arc Deposition Generator

- Compact and self contained
- 150 and 250 amp continuous output current
- 25VDC standard output voltage
- 19" rack mounting

BDS-HF 13.56MHz RF Generator

- 200, 300 & 750 watt models
- 1/2 rack form factor
- Active LCD touch panel control / display
- High Efficiency Class E RF topology
- Switch mode DC power section



BDS-AMN 750 Automatic Impedance Matching Unit

- 50 ohm general purpose cables
- Very high power plasma connections
- Coaxial adapters



BDS-HF 13.56MHz Black Box RF Generator

- 200, 300 & 750 watt models
- OEM form factor
- Analog 0-10V control



BDS-GLOW DC Plasma Generator

- User friendly graphical interface
- For substrate cleaning & etching
- Up to 4kV output voltage



Plasma Matrix 13.56MHz Plasma Reactors

- Used for plasma cleaning and etching of substrates
- Two tabletop models for R&D and pilot production
- LCD touch screen control / monitoring
- 2.5 & 40 liter vacuum chambers



MANITOU SYSTEMS, INC.

Danbury, CT USA

Tel.203.733.2110 Fax.203.746.1459

Email: info@manitousys.com Web: www.manitousys.com

*Technical specifications are subject to change without prior notice.
See our web site or contact us directly for the latest specifications and pricing.*

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