



Klystron Power Supply MI-MC01, is a state-of-the-art solid state, regulated Power Supply for operating low power Klystrons. MI-MC01, Klystron Power Supply is an ideal platform to enhance education, training, skills & development amongs our young minds.

Feature's

- Regulated Beam Supply and Repeller Supply voltages.
- LED Digital meter for Beam voltage, current and Repeller voltage.
- Compact and Reliable.
- Modular construction for easy maintenance.
- In addition to AM and FM modulation of beam current, a provision for external modulation is provided.

Package Contents

User
Manual



Power
Cable



Technical Specifications

Beam Supply

Voltage	: 200-450VDC Variable.
Current	: 50mA Ripple: < 5mVrms.
Regulation	: 0.5%/10% I/P variation

Repeller Supply

Voltage	: -10V to -270V DC Variable
Regulation	: 0.25% for 10% I/P variation

Filament Supply : 6.3V DC (adjustable on rear panel)

Over-Load Trip Current : 65mA.

Modulation : AM (Square) & FM (Saw-tooth).

Frequency Range : 500-2000Hz & 50-150 Hz

Amplitude : 0-110Vpp & 0-60Vpp.

Display : Beam voltage || Beam current || Repelled voltage.

Modulation Selector : CW/AM/FM/EXT

Meter : 3 ½ Digital Panel Meter of 2V range.

Line Input Voltage : 230 V AC $\pm$ 10%, 50 Hz

Power consumption : 32 VA (approx.)

Mine Instruments Pvt. Ltd.

An ISO 9001:2015 Certified Company

67-B, First Floor, Electronic Complex, Pardeshipura, Indore-452010 (M.P.) India

e-mail: info@mineinstruments.com; sales@mineinstruments.com

www.mineinstruments.com; www.mineinstruments.in, ☎ +91-731-4246503 📞 +91-6262603222, +91-6262603777

Regional ☎ East : +91-6262601000

West : +91-6262605000

North : +91-6262609000

South : +91-6262608000

Emails- east@mineinstruments.com | west@mineinstruments.com | north@mineinstruments.com | south@mineinstruments.com

