

100W, 13.56 MHz Complete RF Delivery System

T&C POWER CONVERSION



MIT-600-03

Manual Tuner (Matching Network), 13.56 MHz, Air Cooled, up to 300 W RF input at 50 Ohm Impedance.

- ⇒ Type "N" Input and "N" Output Connector, air load and tuning capacitors.
- ⇒ Includes its own **basic built-in controller** for capacitors positions Display Meter and communications with generator.
- ⇒ Dimensions: 5.25"H x 8.75"W x 15.00"L.
- ⇒ Weight: 5.5 kg, 12 lbs.

When the MIT-600 is connected to the AG generator, the generator's display offers tuner capacitors positions information.

Generator Front Panel Display:
Tuner Control Menu
(appears automatically with generator/tuner connection)

M TUNE - Tuner in Manual control from the front panel of the generator.



AG 0113

RF Power Source, 100 Watts at 13.56 MHz, Air Cooled, 50 Ohm Impedance.

- ⇒ Front panel display for complete Generator/Tuner control.
- ⇒ Generator controlled from Front Panel, REM remote PLC or via Digital Port.
- ⇒ AGC and Burst operation settings.
- ⇒ Analog/Digital Communications Interface via SubD 25.
- ⇒ RS 232 and USB digital communications.
- ⇒ 13.56 MHz, crystal controlled, built-in DDS.
- ⇒ Dimensions 5.25"H x 8.75"W x 15.00"L
- ⇒ Weight 9.0 kg, 20 lbs.

Generator Front Panel Display:
Generator Mode Menu

SF - Set Point for Forward Power
FP - Actual Forward Power
LP - Load Power
RP - Reversed Power
12% - Set for Burst operation
12W - Set for AGC operation
MAIN - main operation window
SVC - service menu window (other window option)
REM - controlled from external PLC



Other components of the system:

RF Cables for Plasma Systems

Cable: Tuner Output to Load Input, RG 393 or RG 400, "N" or "HN", 4'1.2m length or as needed.

Cable: Generator Output to Tuner Input, RG 400 "N", Length as needed.

Communication Cables for Plasma Systems

HD15 Male to Male Molded 7.5, 5 or 2.5 Feet as needed, Generator to Tuner communications.

DB25 Male to Male Molded 6 Feet Straight Thru, Analogue/Digital Generator to PLC controller communications.

Rack Mount Kit: One Pair for Plasma Systems

Rack Mount Kit: One Pair, Generators or Tuner, M4 x 10mm screws, 0.7mm pitch

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