Tool Make & Model

AutoGlow 1000

Tool Configuration / Specifications

- 30 to 600 watts (13.56 MHz) 30 watts for gentle processing—high power for more aggressive applications.
- 13.56 MHz (high frequency) with auto-tune
- Can set power in one watt increments—the RF generator and match network are tuned to accomplish this
- Glow Research makes the entire system (RF generator, RF tuning network, software control system, chamber and gas delivery system)
- Automatic Tuning—very fast and with extremely low reflected power—very well designed tuning network
- Throttle valve for controlling chamber pressure independent from gas flow
- Genesis Software with diagnostics, lock outs, and advance control
- Choice of up to four Mass Flow Controllers
- Designed for ease of service—RF generator and the electronics/gas distribution modules slide out the front
- CE marked and certified

The information contained in this data sheet is, to our knowledge, accurate. We do not warrant the completeness or accuracy of the information contained herein. Any offer by you to purchase the equipment described in this data sheet shall be subject to the terms and conditions of sale.

Tool Configuration / Specifications

The AutoGlow 1000 is controlled by the touch screen software control system. The Genesis Software features are:

- System pre-process self-check (the software checks the MFC's, baratron, and pressure)
- You can have Multiple step recipes (up to 10)—very easy to configure
- The software has Adjustable gas stabilization times--and the software confirms MFC linearity
- Has Data logging, store/download historical records
- You can also Monitor RF on/off times during process and look at pressure curves during process
- The Software has been running in Customer locations for over 2 years
- System includes a butterfly throttle valve so you can control process gas flow independently from chamber pressure

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