

Model F-2000 IPA

Intergrated Plasma Analyzer

for continuously monitoring the flame chemistry of direct flame plasma surface treating systems.

Description

The Flynn F-2000- Next Generation Intergrated Flame Plasma Analyzer is used to continuously analyze and monitor the air-gas mixture being delivered to the burner to optimize the flame chemistry.

Plasma values are displayed as a number. This enables the operator to manually maintain the PLASMA VALUE™ for optimum surface treatment.

Take the guess work out of Calibrating your air/gas ratio:

- Improves productivity & efficiency.
- Indicates changes in flame chemistry that can be due to changes in air temperature, humidity or gas composition.
- Avoid multiple treatment runs, due to improper ratios.
- Saves time on initial air/gas ratio setup.
- Allows for easy routine monitoring.
- Maximizes quality throughput.

Specifications

Dimensions	11"D x 20"W x 24"H
Weight	60 lbs.
Sample mixtures	Air with any hydrocarbon gases (propane, natural gas, LPG, butane)
Sample flow rate	0.5 to 2 C.F.H.
Sample inlet	1/8" NPT female
Plasma chamber temperature	~615°C/1140°F
Warm-up time	5 to 10 minutes
Accuracy	± .1 Plasma Value (PV)
Stability	± .1 PV per month
Repeatability	± .1 PV of reading
Response Time	~ 5 seconds
Ambient Temp.	40°C/104°F
Power	110 or 240V ac 50/60 Hz selectable 200VA



Part No. 405552

Features

- Cell resistance check
- High Point Calibration
- Low Point Calibration
- Display: Multi digit LCD
- Analog output – isolated 4 to 20mA

The F-2000 IPA is designed to intergrate with existing combustion systems

To see complete operator's manual visit the Flynnburner web site @ www.flynnburner.com/tech/aa901