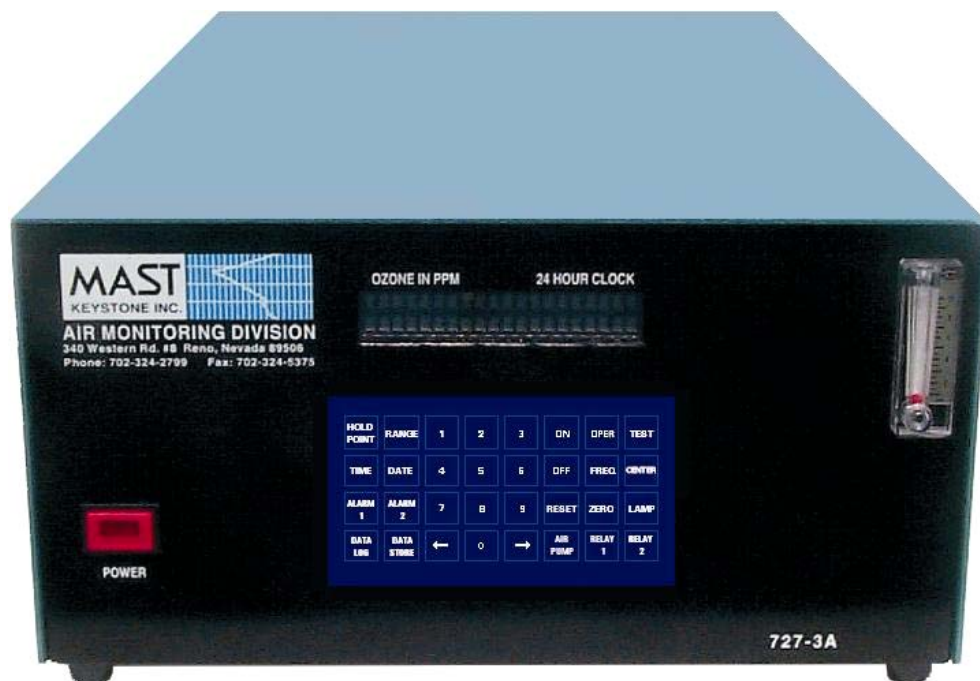


727-3A Ozone Monitor

For Mast 700 Series Test Chambers



FEATURES

- Programmable Alarm Levels
- 6 Pre-Programmable Tests
- RS 232 Data Port
- Analog Data Output Port
- 2 Line LCD Readout
- Automatic Timed Shutoff
- Menu Driven Programming
- Proven Ultraviolet Absorption Technique
- No Expendables: Explosive, Poisonous or other Liquid, Gaseous or Solid
- Direct Reading in Parts per Million and Specific for Ozone
- Calibration Based on Beer's Law
- Completely Self Contained
- Automatic Zeroing
- Fast Response, 5 seconds for 90% of Concentration
- Fast Warmup

SPECIFICATIONS

Performance

Range: 0 – 9.99 ppm (0 – 999 pphm)
Lower Detectable Limit: 0.02 ppm
Accuracy: +4% (Based on Beer's Law)
Reproducibility: +1% or 2 digit, whichever is greater
Lag Time: 5 seconds
Rise Time: 1 measurement cycle
Fall Time: 1 measurement cycle
Zero Drift: None
Span Drift: 1% of calibration level/24 hr
Measurement Cycle: 20 seconds

Sampling

Method: Continuous, Self-contained pump
Volume: 2 liters/minute

Operation

Ambient Temperature Range: 0° to 50° C
Relative Humidity Range: 5 to 95%
Warm-up Time: 20 Minutes
Unattended Period: Up to 30 Days
Power Requirements: 115V, 50 to 60 HZ

Output

Digital Display: 0.00 to 9.99 ppm
Analog: 1V per 10 ppm

Physical

Weight: 7 kg. (15 lbs)
Dimensions: 35 cm W, 17 cm H, 48 cm D.
(14" x 7" x 19")