

SF10 BID BOILER AND FURNACE INSPECTION SYSTEM SPECIFICATIONS

SYSTEM INCLUDES:

- High resolution visible light color or NIR camera module
- Air cooled stainless steel furnace probe [up to 20 ft. (6.09 m)]
- High temperature camera head enclosure
- 12 VDC power supply with IP66/NEMA 4X enclosure and 15 ft. (4.6 m) cord
- Regulator assembly with 1 ea. 15 ft. (4.6 m) quick disconnect air line
- Factory assembled, pre-adjusted and ready for installation

SPECIFICATIONS:

Sensor:	Sony Super HADCCD
Resolution:	420 lines horizontal
Minimum Illumination:	.5 Lux
Electronic Shutter:	1/60 – 1/100,000 sec
SNR:	Greater than 50dB
AGC:	Automatic
Video:	NTSC (optional PAL or Ethernet)
Power:	12 VDC with 100-240 VAC adapter - 50/60 Hz
Field of View:	60°H X 45°V
Line of sight:	Straight ahead (standard) Obtuse and Right (also available)
Probe/Head	
Enclosure Material:	310 stainless steel over high temperature synthetic (for process temperatures to 850° F [500° C] with optional accessories)
Air purge:	15 psig (0.10 MPa) @ 20 scfm (34 m³/H) Instrument quality air only T<100°F (40°C)

OPTIONS AND ACCESSORIES INCLUDE:

- High Temperature Light Source
- Water-Cooled Shroud
- Video Monitor
- SAM0009 or SAM0028 Air Filtration System
- Video Recording
- Coaxial Cable, Fiber Optic, or Ethernet Transmission System

