



HTE-070S Stationary endoscope camera

Continuous process monitoring in hot zone area



PRODUCT FEATURES



- Stationary endoscope
- Diameter: 70 mm
- Both air and water cooled
- Cleaning of objective lens with pressurized air flow
- Automatic extraction bench for safety of camera

HTE-070S endoscope is most suitable furnace monitoring system where there is necessity of continuous monitoring of extremely high temperature in large furnace systems. The triple water jacket cooling systems provide efficient cooling in high temperature environment. It can be equipped with optional device of automatic extraction bench to prevent damage of HTE-070S endoscope in high temperature surroundings. High resolution ca-

mera system transmits high quality images or video recording to control room. It can be used up to 2000°C temperatures.

PRODUCT HIGHLIGHTS

- Stationary endoscope system
- Useful length is 716 mm or 907 mm
- Field of View (FOV) with 60°, 90°, 105°
- Various Direction of View (DOV) with 30°, 55°, 70°
- Different camera technology can be integrated
- Optional device of automatic extraction bench for prevention of damage

APPLICATIONS

- Continuous monitoring of extremely high temperature large furnace systems
- Suitable for temperature up to 2000°C



> **Combustion chamber**

Insight into furnace system with two different pictures

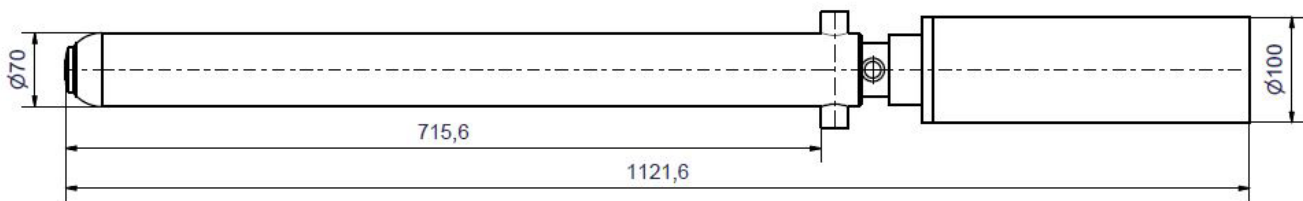


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MEASUREMENTS



> SPECIFICATION

VIDEOSCOPE

| | |
|----------------------------|---|
| Dimensions of HTE-070S-716 | L = 715.6 mm ,GL = 1121.6 mm |
| Isolation material | Stainless steel |
| Compressed Air | 5-10 bar; 10-15 nm ³ /h, Temperature 20° C to 50° C |
| Cooling Water | Inlet pressure 3-10 bar; 5-15 l/min, Temperature 20° C to 35° C |
| Temperature range | 300° C - 2000° C |
| Camera | Pinhole miniature camera |
| Video signal | Analog, PAL |

ELECTRICAL SPECIFICATIONS

| | |
|-------------------------|-------------------------|
| Electrical power supply | 220 V/110 V AC 50/60 Hz |
|-------------------------|-------------------------|

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