

# SENTRY®

# GYMA

INSTRUMENTS  
*Knowledge Based Solutions*



# ST677 Infrared Thermometer



High DS Ratio



Adjustable Low  
Power Consumption  
in Shutdown Mode



Extended Long Time  
Measuring Reliability



Laser Sighting  
On/ Off is Switchable



Backlit LCD Display



Electronic Trigger  
Lock

measures the temperature of the object's surface, which is applicable for various hot, hazardous or hard to reach objects without contact safely and quickly.

## SPECIFICATIONS

|                       |                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature Range     | : -32~1650°C (-25.6~3,002°F)                                                                                                                             |
| Accuracy              | : ± 3.0°C (± 5.4°F) from -32 to -20°C ( -25.6 to -4°F)<br>± 2.0°C (± 3.6°F) from -20 to 100°C (-4 to 212°F)<br>± 2% from 100 to 1,650°C (212 to 3,002°F) |
| Repeatability         | : ±1°C (±2°F)                                                                                                                                            |
| Resolution            | : 0.1°C (±1°F)                                                                                                                                           |
| Response Time         | : 500ms                                                                                                                                                  |
| Emissivity            | : Adjustable 0.1 ~ 1.0                                                                                                                                   |
| Distance / Spot Ratio | : 50:1                                                                                                                                                   |
| Operating Temperature | : 0 to 50°C (32 to 122°F) 10 to 90%RH                                                                                                                    |
| Wavelength            | : 8 ~ 14μm - industrial                                                                                                                                  |
| Dimensions            | : 200x166x51mm                                                                                                                                           |
| Weight                | : 280g                                                                                                                                                   |
| Backlight             | : Yes                                                                                                                                                    |
| Laser                 | : Yes                                                                                                                                                    |
| Max./ Min/ Avg.       | : Yes                                                                                                                                                    |
| Dual Display          | : Yes                                                                                                                                                    |

SIDE VIEW



## GYMA INSTRUMENTS CORPORATION

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