

Analog Flame Meter | FSP136A

The FSP136A Analog Flame Meter is an optimal support tool for maintenance and troubleshooting.

This analog flame meter is used for measuring the flame voltage or flame current of combustion safety equipment. In addition, the flame current level can be easily recorded by connecting to the recorder jack.



Specifications

Analog flame meter FSP136A

Compatible models	AUR300C/350C, AUR450C, RA890F/G, R4750, R4780, FRS100B/C, FRL100/101, etc.
Operating principle	Moving coil
Operation/storage temperature range	0 to 40 °C
Operation/storage humidity range	80%RH or lower at 40 °C (without condensation)
Operating direction	Vertical (unit has a strap on top)
Indication accuracy	FS ± 2.5%
Recorder output accuracy	FS ± 2.5%
Paint color	Black
Weight	Approx. 450 g

Range selection switch

Measurement range differs according to the model to be measured. And analog meter indication differs according to the measurement range. The table below shows the differences.

Range selection switch position	Model to be measured	Analog meter display	Recorder output
OFF	—	No display	—
15UA	R485B*, RA890F/G, R4750C, R4780B/C, R7257A*, R7258A*, R7259B*	Display in the 0-15 μADC range.	Output in the 0-150 mVdc range.
SPL (special)	R7247B/C, R7476A	Display in the 0-15 μADC range. If the flame current fluctuates greatly, a smoothed value is displayed.	Output in the 0-150 mVdc range. If the flame current fluctuates greatly, a smoothed value is output.
7.5 V	FRL100/101, FRS100B/C, AUR300C/350C, AUR450C	Display in the 0-7.5 Vdc range.	—

*. discontinued model

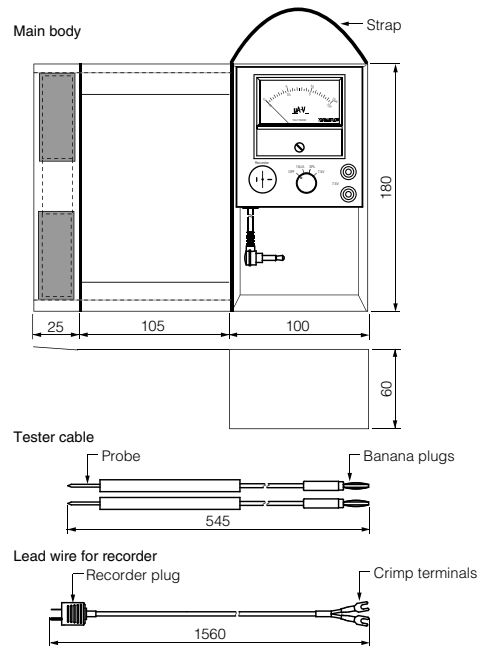
Model No. configuration

Name	Model No.
Analog flame meter	FSP136A100

Note: This product does not support traceability certificate and calibration.

External dimensions

(Unit: mm)



1 DIGITAL CONTROLLERS
2 RECORDERS, INDICATORS
3 CONVERTERS
4 FLAME SAFEGUARD SYSTEM
5 ACTUATORS
6 SENSORS
7 GAS FLOW MEASUREMENT AND CONTROL PRODUCTS