

# Using the FS-1100 with 20/20MI-3x

## Instructions for Using the Spectrex Flame Simulator, FS-1100, for the Activation and Testing of 20/20MI-3x Flame Detector Models

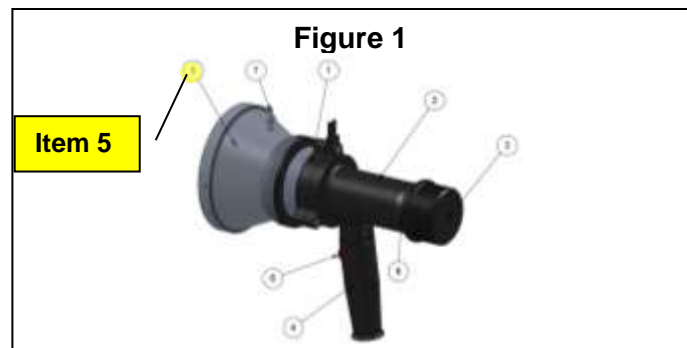
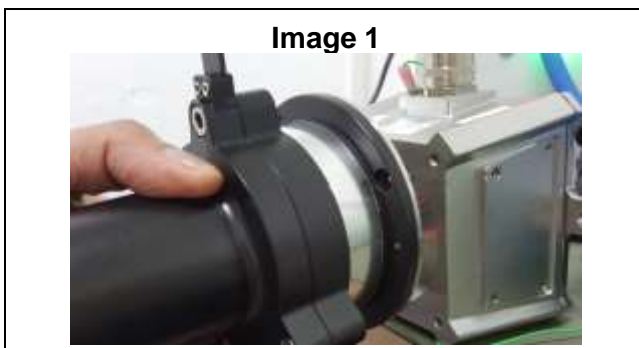
The FS-1100 Flame Simulator can be used without any additional adjustments with the following models:

Detector Types	Detector Sensitivity Setting (ft/m)	Testing Distance (ft/m)
40/40I, 20/20CTIx	50/15	6.6/2
	100/30	19.6/6
	150/45	29.5/9
	215/65	39.3/12
40/40UFI	66/20	13/4
	133/40	26/8
	200/60	40/12
	300/90	50/15
20/20MPI	33/10	6.6/2
	65/20	8.2/2.5
	100/30	19.6/6
	132/40	26.2/8
20/20MI-1	33/10	N/A
	65/20	8.2/2.5
	100/30	19.6/6
	132/40	26.2/8
20/20MI-3		N/A

**\*Note that the minimum testing distance is 2.5ft (0.75m)**

When using the FS-1100 to activate the 20/20MI-3x flame detector models the reflector will need to be disconnected (figure 1, item 5) by unscrewing the three fixing screw using an Allen wrench (3mm) and point the simulator towards the detector from a close distance, as shown in image 1.

Please note that the detector should be set on any sensitivity other than 2.5m. It is recommended setting the detector to the highest sensitivity of 10m prior to the test.



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