



## Needle Flame Tester

### Description

According to IEC60695-2-2, IEC60695-11-5 needle flame test equipment is applied in the production and quality control department of lighting products, hyperpiesia electrical apparatus, domestic appliance, machine electric appliance, electrical machine, power tool, electronic instrument, electrician instrument and technical equipment. Also, the apparatus is fit for the industry of insulation material, engineering plastics and solid combustible material.

• According to IEC60695-11-5

• Angle of burner: incline with  $45^\circ$  (when in test) / plumb (when adjust the flame's height)

• Temperature testing thermocouple:  $\phi 0.5\text{mm}$  K pattern thermocouple

• Supplied with preprogrammed controller or touch screen (as option)

• Thermal printer included as option

• Needle flame burning time:  $0\sim 999.9\text{s} \pm 0.1\text{s}$  adjustable (30s in general)

• Height of flame:  $12\text{mm} \pm 1\text{mm}$  (gauge is included)

• Burning gas: 95% butane gas

• Test range of temperature:  $0\sim 1000^\circ\text{C}$

• Sample burning time:  $0\sim 999.9\text{s} \pm 0.1\text{s}$ , auto mark and pause manually

• Requirement of flame's temperature: the temperature rises from  $100^\circ\text{C} \pm 2^\circ\text{C}$  to  $700^\circ\text{C} \pm 3^\circ\text{C}$  within  $23.5\text{s} \pm 1\text{s}$