



## T3-53

TIMER WITH THERMOMETER

## KEYWORDS

TIMER WITH THERMOMETER, IEC TEST EQUIPMENT, IEC 60695-11-5, IEC 60695-11-2, IEC 60695-11-4, IEC 60695-11-3, ASTM D 5027, EN

## COMPLIANCE

It is constructed and manufactured in compliance with IEC 60695-11-5, IEC 60695-11-2, IEC 60695-11-4, IEC 60695-11-3, ASTM D 5027, EN

## DESCRIPTION

T3-53 TIMER WITH THERMOMETER is intended for confirming the flame of different burners such as:

- T4-31 NEEDLE FLAME BURNER dia. 0.5 mm
- T4-61 BURNER 1000W
- T4-65 BURNER 50, 500 W.

As per procedure described in up-mentioned standards.

It consists of timer and thermometer and shall be used together with one of the thermocouples Type K (in) block of copper with dimensions as per one of above mentioned standards.

The timer is connected with thermometer which starts measuring the time needed for the temperature of copper block to increase from  $100\pm 2^{\circ}\text{C}$  to  $700\pm 3^{\circ}\text{C}$ . After the measurement, the time is shown on display.

On the front plate are located mains switch with fuse and appliance inlet, thermometer, timer and socket for thermocouple connection.

Thermocouple with copper block is not included in the price and shall be ordered separately.

## DESIGN

Table top apparatus, solid case, Non-sensitive, scratch-resistant surfaces through powder-coating, side panels, Al extrusion, RAL 7016, Frame, Al die-cast, RAL 7016, Base and cover, Al, 1.5 mm, RAL 9006, with GND/earthing connection, case feet with anti-slip protection, front plate and rear panel anodized aluminum 2,5 mm.

Internal and external dimensions in accordance with: IEC 60297-3. Type of protection IP 20 in accordance with IEC 60529, Protective GND/earthing connections in accordance with: IEC 61010, DIN EN 50178 / VDE 0160, DIN EN 60950 / VDE 0805, DIN EN 61010-1 / VDE 0411 part 1, DIN EN 61010-1A2 / VDE 0411 part 1/A1.

## TECHNICAL SPECIFICATION

Line voltage	220 V, 50 Hz / other optional
Power consumption	15 VA
Thermometer	digital programmable, accuracy $\pm 0.5\%$ , -200..1000°C,
Timer digital:	00,1 – 99,9 s
Time uncertainty	0,1 s
Dimensions	WxDxH: 250 x 270 x 150 mm
Weight	3 kg

## ACCESSORIES (not included in price)

Thermocouple with copper block is not included in the price and shall be ordered separately:

T3-53A THERMOCOUPLE WITH THE COPPER BLOCK Dia. 4 mm  
(IEC 60695-11-5)

T3-53B THERMOCOUPLE WITH THE COPPER BLOCK Dia. 9 mm  
(IEC 60695-11-3, ASTM D 5027)

T3-53C THERMOCOUPLE WITH THE COPPER BLOCK Dia. 5,5 mm  
(IEC 60695-11-4, IEC 60695-11-2, ASTM D 5027)

Thermocouples: Type K, sheathed fine wire, outer sheath diameter 0,5 mm, measuring range: -20....+1100°C

Copper block: dia. 4 x 6 mm (A), dia. 9 x 19,14 mm (B), dia. 5,5x8,8 mm (C); mass 0,58 g (A), 10 g (B), 1,76 g (C); hole for thermocouple, polished external surfaces, compressed around the thermocouple

## CALIBRATION CERTIFICATES

Certificates for dimensions and temperature, are available on request, but are not included in the price.

## OTHER CONDITIONS

Warranty: 2 years

Support by E-mail: [support@testing.si](mailto:support@testing.si)

On line Skype VIDEO Support: Testing\_support, matejsimonic

We will be glad to help you solve your problems and to hear any feedback from you.