

Контроллеры МС227, МС228Х1, МС242

Технические характеристики

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1-Way Controllers

Introduction

There is a choice of 3 models of 1-Way Controllers which operate up to 800W (MC5), 1800W (MC242) or 2300W (MC227); MC228X1 operates up to a maximum of 1100W. These controllers can control one piece of laboratory equipment at a time, or an equivalent load, ie. on a CMUV22/L which has 3 elements, you can have an MC5 on each element.

Operates at up to 800W

The MC5 Controller has been designed to provide a complete answer in controlling the heating of resistive loads for bench top operation. It delivers power up to a maximum of 800 Watts and is suitable for EM series Electromantles, CMU series Electromantles, Electric Bunsen and Heating Tapes/Cords.

The MC5 Controller has 2 neon indicators; "Power On" white neon light and "Mantle/Bunsen Heater On" amber neon light. It has a regulator control knob which can be turned clockwise to increase power. As the knob is turned, the controller's amber neon lamp will pulsate to show that power is being supplied to the equipment being controlled, e.g. mantle, heating tape or cord. The pulse frequency will decrease as the regulator control knob setting is increased, and at maximum setting, the amber neon will be continually illuminated.

A rod support clamp is provided at the rear of the controller to take a standard 12.5mm (½") diameter rod. The MC5 has a short mains output lead with an IEC socket to connect it to the resistive load. An accessory extension mains lead is available where remote operation is required (e.g. in a fume extraction unit).

Technical Specification

Electrical requirements	230V 50/60Hz, 800W or 115V, 50/60Hz, 460W
Controller power consumption	< 1 Watt
Dimensions (d x w x h), mm	130 x 95 x 105
Weight, kg	0.42

MC227 / MC228X1



MC242



MC242

Controller: Operates at up to 800W

The MC242 Controller has been designed to regulate the power input to laboratory heating equipment such as Electromantles, Heating Tapes and Cords. It operates up to a power load of 1800W for the 230V model and 1150W for the 115V model.

The MC242 Controller has 2 neon indicators:
 "Power On" white neon light
 "Mantle/Bunsen Heater On" amber neon light;

It has a regulator control knob which can be turned clockwise to increase power. As the knob is turned, the controller's amber neon lamp will pulsate to show that power is being supplied to the equipment being controlled, e.g. mantle, heating tape or cord. The pulse frequency will decrease as the regulator control knob setting is increased, and at maximum setting, the amber neon will be continually illuminated.

A rod support clamp is provided at the rear of the controller to take a standard 12.5mm (½") diameter rod.

The MC242 Controller has a short mains output lead with an IEC socket to connect it to the resistive load. An accessory extension mains lead is available where remote operation is required (e.g. in a fume extraction unit).

Technical Specification

For MC242 Controller

Electrical requirements 230V, 50/60Hz, 1800W
 Controller power < 1 Watt consumption

MC227 and MC228X1

Controller: Operates at up to 2300W

Both power controllers have been designed to regulate the power input to laboratory heating equipment up to 2300W. The MC227 Controller is a 230V controller, and MC228x1 is its 115V equivalent version and operates up to 1100W.

The MC227 and MC228X1 Controllers have 1 "Mantle/Bunsen Heater On" amber neon indicator. They also have a regulator control knob which can be turned clockwise to increase power. As the knob is turned, the controller's amber neon lamp will pulsate to show that power is being supplied to the equipment being controlled, e.g. mantle, heating tape or cord. The pulse frequency will decrease as the regulator control knob setting is increased, and at maximum setting, the amber neon will be continually illuminated.

A rod support clamp is provided at the rear of the controller to take a standard 12.5mm (½") diameter rod, so that it may be mounted on a standard ½" (12mm) diameter scaffold or retort stand, stand directly on the bench, or be wall mounted using a mounting bracket.

The MC227 and MC228X1 Controllers have a short mains output lead with an IEC socket to connect it to the resistive load. An accessory extension mains lead is available where remote operation is required (e.g. in a fume extraction unit).

Technical Specification

For MC227 Controller

Electrical requirements 230V,50/60Hz, 2300W
 Controller power < 1 Watt consumption

Ordering Information

Model	Description	Electrical Requirements	Dimensions (d x w x h)	Weight
MC227	Single place percentage On/ Off, die-cast	230V, 50/60Hz, 2300W	11.5 x 12 x 8cm	0.82kg
MC228X1	Single place percentage On/ Off, die-cast	115V, 50/60Hz, 1100W	11.5 x 12 x 8cm	0.82kg
MC227X6*	Single place percentage On/ Off, die-cast	230V, 50/60Hz, 2300W	11.5 x 12 x 8cm	0.82kg
MC242	Single place percentage On/ Off	230V, 50/60Hz, 1800W	13 x 9.5 x 10.5cm	0.42kg
MC242X1	Single place percentage On/ Off	115V, 50/60Hz, 1150W	13 x 9.5 x 10.5cm	0.42kg
MC242X6*	Single place percentage On/ Off	230V, 50/60Hz, 1800W	13 x 9.5 x 10.5cm	0.42kg

*Comes with EU Plug fitting

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