



Best Technology
For Your Laboratory

ORBITAL SHAKER

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TM70



Overview | TM70

FG Orbital Shaker model TM70 is a shaker equipped with various features, such as orbital movement without any noise or vibration. The unique technology of CMT has made it a distinctive device compared to the existing portfolio.

TM series are ideal devices for mixing and homogenizing solutions, and due to their special design, they have optimal placement capability and occupy minimal space.

loading capacity of this device is up to 20 kilograms, makes it one of the most exceptional orbital shakers on the market.

This device is used in a variety of medical, industrial, pharmaceutical and research laboratories

Main features | TM70

Timer function (from 1 min to 99 hours) and permanent work available

Equipped with current control system to protect Motor and gearbox

Microcontroller to Adjust speed rate and time for precise control

External Case Coated with electrostatic powder paint

permissible load up to 20 Kg on plate

Strong gearbox for more power

High energy efficiency

Digital LED display

Special benefits | TM70

CMT (Consistent Movement technology)

Uniform movement through whole surface

Permanent work, even under full load

Without any noise or vibration

Strapless and springless

micro controller

Motor protection system to prevent burning when overloaded

Accurate tachometer to speed control

99 hours timer (permanently operable)

LED display

Special benefits | TM70

Design

Working plate with dimensions 35*55 to place different laboratory dishes in different sizes

Special design to prevent pouring liquids on board and electronic parts

Using adjustable arms to hold erlen with different sizes

Uniform movement throughout the surface

unique and ergonomic design

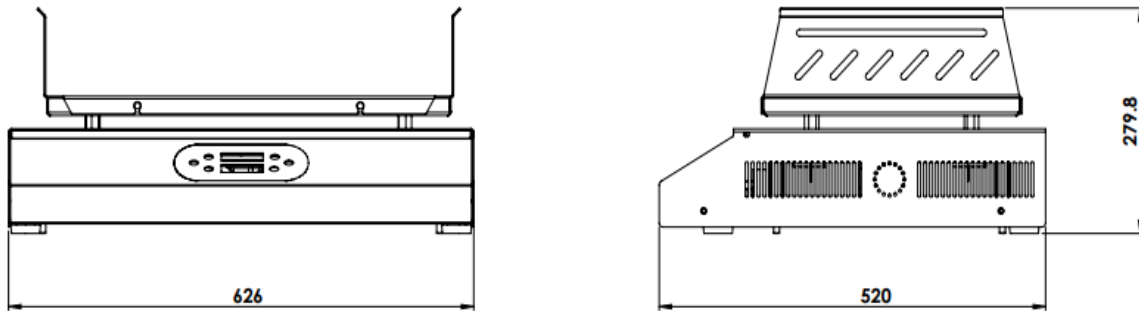
Service and guaranty

5- years motor and gearbox warranty

10-years after-sales service

2-years guaranty

Specification | TM70



Exterior dimensions

Wall clearance, side (cm)	16
Wall clearance, rear (cm)	10
Height with fixing clips (cm)	27.9
Dimensions of plate (cm)	55*35
Depth (cm) (G)	52
Width (cm) (D)	62.6
Weight (empty) (kg)	30

Specification | TM70

Rotation information

Permissible shaking weight (Kg)	20
Type of movement	orbital
Shaking stroke (mm)	25
Speed range (RPM)	20-200
Speed accuracy	5%
Speed display	LED
Time display	LED
Time setting range	1min-99h
Permanent work	Yes

Energy consumption

@200 RPM (Wh/h)	23
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Electrical data

Power (W)	20
Frequency (HZ)	50
Voltage (V AC)	220
Current (A)	0.1
Power type	single phase
Plug type	CEE 7/7 plug (compatible with E and F)

Specification | TM70

Packing/shipping data

Transport information	Device Must be transported upright
Width incl carton (CM) approx.	60
Height incl carton & pallet underneath (CM) approx.	36
Length incl carton (CM) approx.	71
Packing Material	Carton
Gross weight with packing (KG) approx.	32

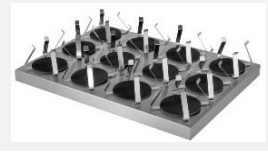
* To 98% of the set value

- All technical data are specified for units with standard equipment at an ambient temperature of 10°C up to 35°C and a line voltage fluctuation of $\pm 10\%$.
- FG reserves the right to change technical specifications at any time.



Options and accessories | TM70

fixing clips in different size



clamping roll





Email: info@fginst.com
Website: www.fginst.com