Heating mantle for flasks “Fibroman-C”

DUAL HEATING POWER. TEMPERATURES UP TO 400 °C.

With power heating switch selector

FEATURES

Two position isolated rocker switch heating control with power on indicator lamp.

TECHNICAL DESCRIPTION

- DUR ALLOY aluminium exterior case with epoxy coating.
- Suspended mineral wool woven heating mantle.
- Heating element homogeneously distributed throughout the woven mantle.
- Thermally insulated case, mineral wool fibre insulation.
- Nickel connectors.
- Retort stand clamp at the back of the unit.
- To prevent breakage or spills a drain hole is provided at the bottom of the mantle.
- Safety earth connection.

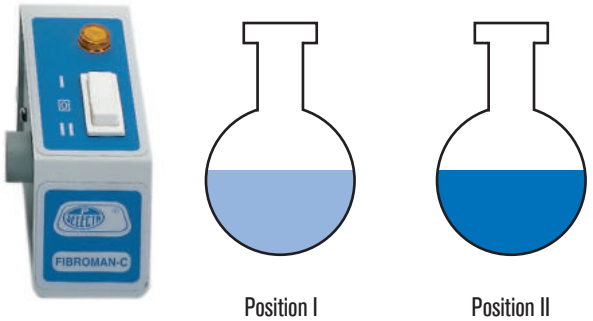


MODELS

Part No.	Flask capacity ml	Flask Ø approx. mm	Ø / Height (exterior) cm		Power W	Weight Kg
3003141	100	65	16	11	130	1
3003142	250	83	18	11	250	1,1
3003145	500	102	20	12	270	1,2
3031410	1000	132	22	13,5	410	1,4
3031420	2000	170	26	14	530	2
3031430	3000	190	29	18	620	2,2
3031450	5000	222	33	19	1500	3,2
3314100	10000	290	38	22	2250	4,7
3314200*	20000	365	48	26	2300	11

* The mantle part no. 3314200 supplied without the 2 position controller and switch.
See Accessories on (page 31) and Regulators and controllers (pages 303 and 306).

CROSS SECTION OF HEATED FLASKS



Position I
50% power output.

Position II
100% power output.

ACCESSORY



Support bar Dur-Aluminium of 12 Ø x 700 mm long.
Part No. 6000270



Heating mantles for flasks “Fibroman HT-W”

FOR ADJUSTABLE TEMPERATURES FROM AMBIENT +5 °C TO 400 °C.
STABILITY ±0,5 TO 1 °C ACCORDING TO TEMPERATURE.
ELECTRONIC REGULATION OF TEMPERATURE WITH DOUBLE SCREEN TO SHOW THE PRESENT TEMPERATURE AND THE PROGRAMMED ONE.



FEATURES

External case made of AISI 304 stainless steel.
Heating elements homogeneously distributed inside of the mineral wool woven and thermically insulated.
Pure nickel connection terminals.
Temperature control system by inner thermocouple.
TC probe connector included in the equipment for the liquid temperature control inside the flask.
Device to hold support bar.

CONTROL PANEL

On / Off switch.
Digital display indicating set and real temperature.
Heating operating led.
Push button ▲ increase temperature.
Push button ▼ decrease temperature.
Side: TC probe connector for the liquid real temperature.



Device that allows to hold the rod has supported.

MODELS

Part No.	Flask Capacity ml	Ø Flask mm	Height / Width / Depth (exterior) cm	Ø Lenght Sensor TC mm	Stability °C	Power W	Weight Kg
3031470	100	65 to 67	13 22 26	4 170	±0.5 to 1	130	1,5
3031471	250	83 to 87	13 26 29	4 170	±0.5 to 1	216	3
3031472	500	102 to 105	13 26 29	4 170	±0.5 to 1	220	3,5
3031473	1000	132 to 139	14 30 33	4 170	±0.5 to 1	500	4
3031474	2000	164 to 170	16 31 34	4 200	±0.5 to 1	760	5

Note: the heating mantles are supplied with TC probe connected to the case.

ACCESSORIES



Support bar Dur-Aluminium, 12 mm Ø x 700 mm long.
Part No. 6000270



Double bosshead.
Part No. 1000069



Spring clamp to hold thermometers.
Part No. 7000025



Clamp to support and hold condensers or other glassware.
Part No. 7000161