

# ITA heating mantle

## NEW GENERATION OF HEATING ELEMENT

For efficient laboratory work



**TWICE AS FAST**



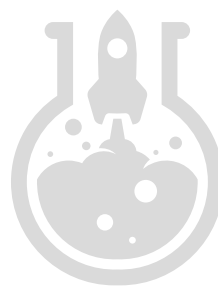
**ACCORDING TO CURRENT  
INTERNATIONAL STANDARDS**



**FASTER HEATING – MULTI-FUNCTIONAL –  
SAFE – COMPLIANT:**  
**ITA HEATING MANTLE SERIES WITH THE  
NEW GENERATION OF HEATING**

# ITA heating mantle

## NEW GENERATION OF HEATING ELEMENT



For efficient laboratory work

### New heating mantle series for fast results stay up to the latest standard

The new heating mantle series from ITA is without doubt the most advanced heating mantle series currently on the market. This is due to its new generation of heating element and the multi-functional design with chemical resistant housing.

The ITA heating mantle is twice as fast as other products. The innovative construction of the heating mantle provides a more efficient heat transfer between the heating element and the flask this leads to faster and more precise results.

With its 'cool to touch case' you are able to touch the outside of the housing at any time during a reaction.

The innovative technology guarantees greater laboratory safety, it is user friendly and is easy to operate.

The stirred version has strong stirring capacity which ensures exact mixing.

The safety standards of the device are according to the new standard regulations: EN 61010-1:2010 (IEC 61010-1:2013).

**AREAS OF APPLICATION:  
ALL CHEMICAL INDUSTRIES  
WITHOUT EXCEPTIONS**





ITA heat mantle series with the 'Cool to touch case':  
Hot inside – Cold outside



Flexible shape for round and oval flasks

## 12 Key Benefits:

- The new generation of heating elements is a completely insulated type of heating element
- We also protect the electronics against spillages – so the new generation of mantles is spill proofed according to the new standard regulations
- Twice as fast: Efficient heat transfer between heating element and flask
- Suitable for round flasks from 100ml to 1000ml
- 'Cool to touch case' you are able to touch the outside of the housing at any time during a reaction
- Maximum element temperature of 450°C
- Step less temperature control for more exact regulation (10 Positions)
- LED-indication of ongoing operation
- Easy to operate and space-saving design
- Chemical-resistant housing made of ABS flame retardant material
- High capacity stirring functionality
- Twin fused for added safety

Available up to 1000ml now!

Model Type	Dimension	Volt	Watt	Equipment safety	Stirring	Stirring rate min/max	Diameter
ITAMB0100230	100ml	230 50Hz	150	F1.25	N	N/A	67mm
ITAMB0250230	250ml	230 50Hz	200	F1.25	N	N/A	87mm
ITAMB0500230	500ml	230 50Hz	300	F2.5	N	N/A	106mm
ITAMB1000230	1000ml	230 50Hz	400	F2.5	N	N/A	136mm
ITAMS0100230	100ml	230 50Hz	150	F2.5	Y	200 to 800	67mm
ITAMS0250230	250ml	230 50Hz	200	F2.5	Y	200 to 800	87mm
ITAMS0500230	500ml	230 50Hz	300	F3.15	Y	200 to 800	106mm
ITAMS1000230	1000ml	230 50Hz	400	F3.15	Y	200 to 800	136mm

Available in autumn 2018 – 2000 ml to 6000 ml



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