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Description	For	Pk	Cat. No.
Shelves for Heratherm® incubators			
Perforated stainless steel shelf	Advanced Protocol/Advanced Protocol Security incubators with 60 litre capacity	1	**466-0297**
Perforated stainless steel shelf	Advanced Protocol/Advanced Protocol Security incubators with 100 litre capacity	1	**466-0298**
Perforated stainless steel shelf	Advanced Protocol/Advanced Protocol Security incubators with 180 litre capacity	1	**466-0299**
Support stands with castors			
Support stand with castors (height 187 mm)	All General Protocol, Advanced Protocol and Advanced Protocol Security models with 60 litre capacity	1	**466-0304**
Support stand with castors (height 187 mm)	All General Protocol, Advanced Protocol and Advanced Protocol Security models with 100 litre capacity	1	**466-0305**
Support stand with castors (height 187 mm)	All General Protocol, Advanced Protocol and Advanced Protocol Security models with 180 litre capacity	1	**466-0306**

*Note spatial deviation is slightly higher with fan off - this mode will reduce samples drying out.

Incubators with dual convection, Heratherm®, Advanced Protocol Security
Thermo Scientific

Heratherm® Advanced Protocol Security incubators feature dual convection which allows the user to select the fan speed from 0 up to 100%. Air speed can be adjusted to give optimum airflow depending on the application. These units are recommended for a wide range of demanding laboratory applications as well as food and beverage and pharmaceutical stability testing. The incubators have a smooth stainless steel inner chamber with easy to clean, rounded corners. Units feature an internal glass door, allowing samples to be viewed without impacting on temperature stability, a lockable outer door restricts access. Units can be stacked on top of each other to save space, no tools or stacking devices are required. Due to decontamination cycle at 140 °C, contaminating microorganisms are reduced to a minimum, which is comparable to sterilisation within a six hour cycle. No need for separate autoclaving of interior fittings. Sample safety is enhanced with automatic over- and under-temperature alarm to protect samples and incubator. The advanced digital timer can turn the unit off at a specific time - can be used to interrupt cell growth at a specified time: Choose from real time or hour settings. Unit is switched on and off at specified time - no wasted energy when unit is not in use. Units have a connection for optional sample sensor which measures exact sample temperature and this is shown separately on display.

• Decontamination routine reduces risk of cross-contamination; cycle at 140 °C is certified by an accredited microbiological institute (IBFE)
• Dual convection allows incubator to be used as a natural convection incubator and as a incubator with controllable forced convection – with good temperature performance in both modes
• Intuitive user interface with large vacuum fluorescent display for easy temperature setting
• Lockable outer door and audible alarm if door left open provide extra security and restrict access
• Fitted as standard with RS232 interface and 42 mm access port to enable insertion of sensors for independent data monitoring

Delivery information: Supplied with two perforated stainless steel shelves. A wide range of options and accessories are available, including optional sample sensor and shelves for various applications. Factory fitted options include left-hinged door, and additional access ports - please enquire for details.

Model	Temperature range (°C)	Temperature fluctuation (time) (°C)	Temperature variation (spatial) (°C)	Capacity (l)	Convection type	Power rating (W)	Weight (kg)
Models with coated exterior							
IMH60-S			* ±0,2 at 37 °C	66			45
IMH100-S	Ambient +5...105	±0,1 at 37 °C	* ±0,3 at 37 °C	104	Dual convection	1390	56
IMH180-S			* ±0,4 at 37 °C	178			70
Models with stainless steel exterior							
IMH60-S SS			* ±0,2 at 37 °C	66			45
IMH100-S SS	Ambient +5...105	±0,1 at 37 °C	* ±0,3 at 37 °C	104	Dual convection	1390	56
IMH180-S SS			* ±0,4 at 37 °C	178			70

Type	Shelves supplied (max.)	W×D×H ext. (mm)	W×D×H int. (mm)	Pk	Cat. No.
Models with coated exterior					
IMH60-S	2 (13)	530×565×720	354×368×508	1	**390-0473**
IMH100-S	2 (16)	640×565×820	464×368×608	1	**390-0474**
IMH180-S	2 (19)	640×738×920	464×543×708	1	**390-0475**
Models with stainless steel exterior					
IMH60-S SS	2 (13)	530×565×720	354×368×508	1	**390-0479**
IMH100-S SS	2 (16)	640×565×820	464×368×608	1	**390-0480**
IMH180-S SS	2 (19)	640×738×920	464×543×708	1	**390-0481**

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Support stand with castors (height 187 mm)	All General Protocol, Advanced Protocol and Advanced Protocol Security models with 180 litre capacity	1	**466-0306**
Sensor for Heratherm® Advanced Protocol Security incubators			
Sample sensor	Heratherm® Advanced Protocol Security incubators	1	**466-0310**