





Item No.	Item	Description	Unit-Price EUR	
Drive units				
100	Drive unit excl. heat control Suited for all applications	Brush less 10 watt DC motor with ball bearings, planetary gearbox with ball bearing, support housing with ball bearing for vastly extended service life. Micro processor control motor speed with feed-back for high accuracy and potentiometer adjustment of stroke number ranging from 0 to 40 strokes per minute. Stroke width adjustable between 35, 40, 45, 50 mm corresponding 5, 6, 7, 8 degree rocking angle. Power connection to 230 VAC only with standard IEC socket-plug power cables into 0.5 amp fused and switched IEC Power Inlet Module in black coat IP54 aluminum enclosure with dimension 186x118x80.	Get an offer	
150	Drive unit incl. single channel heat control Designed to handle one 10/20 bag	Brush less 10 watt DC motor with ball bearings, metal planetary gearbox with ball bearing, support housing with ball bearing for vastly extended service life. Micro processor speed control with feed-back for high accuracy. Potentiometer adjustment of stroke number ranging from 0 to 40 strokes per minute. Stroke width adjustable between 35, 40, 45, 50 mm corresponding 5, 6, 7, 8 degree rocking angle. Power connection to 230 VAC only, with standard IEC socket-plug power cables into 2 amp fused and switched IEC Power Inlet Module IP54 aluminum enclosure in blue coat with dimension 186x186x64. The Drive+Heat-Unit facilitates for temperature control: <ul style="list-style-type: none"> • Carel or Elco temperature controller with PI algorithm action and numerous user adjustable features • One Pt100 sensor input • Dual 230 VAC outlet rated combined at 460 watt for two platform heating elements operating simultaneously • One 18 VAC constant power outlet for one 3 Watt sterile filter heating Includes one Pt100 sensor and one power cable.	Get an offer	
Heat control units				

200	<p>Heat Control Unit – dual channel heat control</p> <p>Suited for all applications</p>	<p>Heat-Control-Unit includes 2 parallel and identical regulating channels in the same box. Sensor input for each channel are Pt-100. Carel or Elco temperature regulator with PI algorithm action and numerous user adjustable features. This unit for individual heating element control on 2 independent platforms. Connection to 230 VAC only, with standard IEC socket-plug power cables into 2 amp fused and switched IEC Power Inlet Module in IP54 green coat aluminum enclosure with dimension 186x119x79.</p> <p>Heat-Control-Unit facilitates on each channel:</p> <ul style="list-style-type: none"> • One Pt100 sensor input • One 230 VAC outlet rated at 230 watt for platform heating • One 18 VAC constant power outlet for one 3 Watt sterile filter heating <p>Includes two Pt100 sensors and one power cable.</p>	Get an offer	
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Gas units

Designed for 2-6 bar gas inlet pressure to regulate down to 1 bar by the pressure regulator. Hose dimension connection for in/outlet selectable with standard fittings.


251	Mixed gas Control unit – AA	Single channel unit including one 50 mm long 0-0.5 l/m rotameter and one pressure controls for 5% CO ₂ /air pre-mix gas	Get an offer	
252	Dual gas Control unit – AB	Dual channel unit including two 140 mm long rotameter 0.01-0.1 l/m Air + 0.002-0.02 l/m CO ₂ and two pressure controls for one 5/10 bag.	Get an offer	
253	Dual gas Control unit – AC	Dual channel unit including two 140 mm rotameter 0.02-0.26 l/m Air + 0.002-0.02 l/m CO ₂ each connected to a pressure controls for one 10/20 bag	Get an offer	
254	Dual gas Control unit – B	Dual channel unit with build-in air pump including two rotameter and one pressure control for one 5/10 bags, 0.01-0.1 l/m Air + 0.002-0.02 l/m CO ₂	n/y/a	




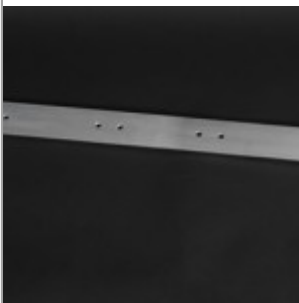
Platforms

Stainless steel sheet bended to allow accommodation for the culture bag(s) curvature.

Primary platform kit includes:




- 200 Watt heating element for use on either side of the platform (2 elements for the dual and 10/20)

	<ul style="list-style-type: none"> platforms) two pedestals incl. two M8x8, two M8x12 button head bolts, one ground wire one U-profile and M4 button head bolts and nuts hanger kit to support the sterile filters <p>Secondary platform kit includes:</p> <ul style="list-style-type: none"> 200 Watt heating element for use on either side of the platform (2 elements for the dual and 10/20 platforms) two pedestals incl. two M8x8, two M8x12 button head bolts, one ground wire one connection set of 4xM6 button head bolts, washers and nuts hanger kit to support the sterile filters 			
300-01		Platform for four 0.5/1 GE or two 1/2 SS bags incl. two heating elements	Get an offer	
300-10-2-SS		Platform for two 5/10 SS bags incl. two heating elements	Get an offer	
300-10-2-GE		Platform for two 5/10 GE bags incl. two heating elements	Get an offer	
300-10-GE		Platform for single 5/10 GE bags incl. one heating element	Get an offer	
300-10-SS		Platform for single 5/10 SS bags incl. one heating element	Get an offer	
300-20		Platform for one 10/20 SS or GE bag incl. two heating elements	Get an offer	
Accessories	Heating elements, sensors and others			
351	Platform heating blanket	Silicone laminated element for 230 VAC connection, 200 Watt power, dimension 280x300x3 mm, fits any of the platforms	Get an offer	
362	Sterile filter heater	3 watt, 18 VAC which fits any of SS or GE bag up to 10/20 size	Get an offer	

				
371	Pt100 sensor A	Ø3×150 mm on one meter cable, fits any of the platforms and includes an insulation kit.	Get an offer	
372	Pt100 sensor B	Flexible rectangular silicon model on one meter cable, fits any of the platforms and is specifically designed to work together with the heating blanket designed with a central Ø80 mm hole.	Get an offer	
381	Turbulence pyramid	Rubber device which fits over the power connection on the heating blankets, reduces the rpm and hereby the foam creation	Get an offer	
Frame				
400	T-Frame	Aluminum T-frame (440×1100) mm accommodating; one 300-20 or dual platform or two of any other single platforms. Includes 4 x button head bolt, nuts and assembling tool set	Get an offer	

Pre-configured kits

Kit #	Description of kit	List of items	Prices to be found on https://cercell.com/commerce/standard-wave-bag-products/
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50-13	Two identical sized GE 5/10 bags on individual platforms rocking mutually.	#100 #200 2 x #300-10-GE #400	
50-14	Setup for two identical sized SS 5/10 bags on the same tray. This specific bag design is not interchangeable with any other bags.	#100 #200 #300-10-2-SS #400	
50-15	Setup for two identical sized GE 5/10 bags on one tray.	#100 #200 #300-10-2-GE #400	
50-16	One 10/20 either GE or SS bag on one platform connected to the Drive+Heat+Unit	#150 #300-20 #400	