

ELECTRONIC CATALOGUE
CUSTOMER'S AMENDMENTS
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	<i>Amendment</i>
	<p>CANCELLATION</p> <p>AT160-13 Cancelled, offer AT160-12</p> <p>NEW ITEM</p> <p><u>Sample Cups</u> Generally as previous AT160-13 but now supplied in a pack of 1000.</p> <p>AT160-12 0.5ml, conical</p>
	<p>CANCELLATION</p> <p>AU135-81 Cancelled, offer AU700-30</p>
	<p>NEW ITEM</p> <p><u>Disposal Bags, with Sterilisation Indicator, Sterilin</u> High temperature autoclave bags. Non-sterile. Polypropylene. Can withstand up to 135°C. With indicator strip to show when sterilisation is achieved. Supplied in a pack of 200.</p> <p>BA030-64 610 x 810mm</p>
	<p>CANCELLATIONS</p> <p>BJ856-08 Cancelled, offer BJ853-08 BJ856-12 Cancelled, offer BJ853-12 BJ856-48 Cancelled, offer BJ853-48</p> <p>BJ864-08 Cancelled, no replacement BJ864-12 Cancelled, no replacement BJ864-18 Cancelled, no replacement BJ864-26 Cancelled, no replacement BJ864-48 Cancelled, no replacement</p>

CANCELLATIONS

CT102-20 Cancelled, no replacement
CT102-22 Cancelled, offer CT102-23
CT102-35 Cancelled, no replacement
CT102-38 Cancelled, no replacement
CT102-40 Cancelled, no replacement
CT102-64 Cancelled, no replacement

NEW ITEM

Cuvette

CT102-23 Cuvette, flow-through, silica UV, 1.8ml

CANCELLATIONS

CW608-12 Cancelled, offer CW608-10
CW608-14 Cancelled, offer CW608-10
CW608-16 Cancelled, offer CW608-10
CW608-18 Cancelled, offer CW608-10
CW608-19 Cancelled, offer CW608-10

CANCELLATIONS

DB300-15 Cancelled, offer DB300-40
DB300-30 Cancelled, offer DB300-45

DB304-05 Cancelled, special order only
DB304-10 Cancelled, special order only
DB304-16 Cancelled, special order only
DB304-20 Cancelled, special order only
DB304-30 Cancelled, special order only

NEW ITEMS

Ultrapure Water Systems, Purelab flex 3 and 4

Elga

Compact, bench mounting water systems which can produce Type I ultrapure water for HPLC, GFAAS (graphite furnace atomic absorption spectrophotometry), ion chromatography, inductively coupled plasma atomic emission or plasma mass spectrometry and life science applications. Alternatively, Type III reverse osmosis water is available for less demanding applications such as autoclave feed, steam generators and hydroponics.

- ❑ Designed for use with pre-purified or mains feedwater**
- ❑ Incorporates reverse osmosis prefilter cartridge, photo-oxidation module with UV lamp to destroy micro-organisms and break down trace organic compounds to assist in the reduction of Total Organic Carbon (TOC), microfiltration and purification modules including deionisation and organic compound absorption**
- ❑ Continuous recirculation eliminates static water zones, maintaining water quality and inhibiting microbial growth**
- ❑ Manual dispensing unit on supported flex with display of purity, TOC and dispensing rate**
- ❑ USB interface with data output for system performance validation**
- ❑ Accessories include wall mounting kit, foot pedal control switch, leak sensor, sanitisation cartridge, biofilter which reduces DNase, RNase, and bacteria from the output water, and 'Point-of-use' filter which provides conformance to international standards CLSI, CLRW, ISO 3696 Grade 1, 2 and 3, ASTM, D1193-06, USP, EP and JP**

Model, Purelab -	flex 3	flex 4
<u>Feed water</u>		
Quality	Potable water of <2000µS/cm*	Pre-purified and filtered water of <30µS/cm
Hardness, ppm CaCO₃	<350	Minimal
Free chlorine, ppm CL₂	<0.5	<0.05
Chlorine, ppm CL₂	<0.2	<0.05
Total chlorine, ppm CL₂	<0.5	<0.05
Silica, ppm SiO₂	<30	<2
Carbon dioxide, ppm	<30	<30
Fouling index	<10	<1
TOC	<2ppm	<50ppb
Iron/Manganese	<0.05ppm	N/A
Particulates	0.2µm prefilter recommended for non-RO feeds	N/A
Drain (gravity fall with air gap L/hr)	>90	>70
Pressure min/max. psi	30/90**	1/90
*Purification pack life may vary with feed waters >1400µS/cm		
**Boost pump required if feed water pressure <60psi - details on request		
<u>Treated water</u>		
Daily volume, litres	<10	<10
Flow rate litres/min	<2	<2
Quality,		
Inorganics (resistivity at 25°C) MΩ-cm	18.2	18.2
Organics (TOC)	<5ppb	<5ppb†
Internal reservoir	Type III/RO water - both models††	
Bacteria, typical		
with point-of-use filter†††	<1 CFU/10ml — both models	
with biofilter†††	<1 CFU/10ml — both models	
Endotoxins, with biofilter†††	<0.001 EU/ml — both models	
DNase, with biofilter†††	<20pg/ml — both models	
RNase, with biofilter†††	<0.02ng/ml — both models	
†Dependent on feed water		
††Better/equal for Type III reverse osmosis water		
†††Accessory filters		
<u>Specifications (both models)</u>		
Overall H x W x D, mm	900 (1020***) x 236 x 470	
Weight, full, kg	23	
Supply requirements	100-240V 50/60Hz single phase, 100W	
***With dispense flex extended		

As described. For 100-240V 50/60Hz single phase supplies and feed water quality as indicated. Require, but are not supplied with, DB304-59 for operation.

- DB300-40 Purelab flex 3 for potable feed water
- DB300-45 Purelab flex 4 for pre-purified/filtered feed water

Accessories

- DB304-42 Leak detector
- DB304-44 Foot switch
- DB304-46 Wall mount kit
- DB304-50 Point-of-use filter
- DB304-53 Biofilter
- DB304-56 Sanitisation cartridge
- DB304-59 Purification cartridge

Spares

- DB304-65 UV lamp
- DB304-67 Reverse osmosis (RO) module for flex 3 only
- DB304-69 Composite air vent filter

CANCELLATIONS

- DT202-17 Cancelled, no replacement
- DT202-19 Cancelled, no replacement

CANCELLATION

- FH220-25 Cancelled, no replacement

CANCELLATION

- FR708-40 Cancelled, no replacement

	<p>NEW ITEM</p> <p><u>Hotplate, Stuart, Undergrad, US150, 325°C</u> Microprocessor control with direct temperature setting using a dial switch with back illumination which progressively lights as the plate temperature increases to set point. Cast aluminium/silicon alloy plate with thin ceramic coating for additional chemical resistance, 150 x 150mm. Overall 172 x 248 x 120mm W x D x H. With illuminated power and 'hot plate' indicators, retort rod mount behind the top plate and base cut-outs to allow a retort stand base to slide under the housing. For 230V 50Hz single phase supplies, 700W.</p> <p>HP200-17 150 x 150mm</p>
	<p>CANCELLATIONS</p> <p>HP202-06 Cancelled, no replacement HP202-09 Cancelled, no replacement HP202-12 Cancelled, no replacement</p>
	<p>NEW ITEM</p> <p><u>Hotplate, Stuart Undergrad, UC150, 450°C</u> Microprocessor control with direct temperature setting using a dial switch with back illumination which progressively lights as the plate temperature increases to set point and power and 'heater on' indicators (the heater lamp flashes when the plate temperature exceeds 50°C). Glass ceramic plate 150 x 150mm. Overall 172 x 248 x 122mm W x D x H. Weight 2.2kg. For 230V 50Hz single phase supplies, 500W.</p> <p>HP405-23 UC150</p>
	<p>CANCELLATIONS</p> <p>IN680-09 Cancelled, no replacement IN680-15 Cancelled, no replacement IN680-25 Cancelled, no replacement IN680-35 Cancelled, no replacement</p>

	<p>CANCELLATION</p> <p>LM117-15 Cancelled, offer LM117-20</p> <p>NEW ITEM</p> <p><u>Desk Lamp, triple fluorescent bulb-type</u> Professional, high-power workstation desk lamp with 3 x 14W, energy-saving, fluorescent, daylight wavelength tubes giving a wide pool of pure light (6500°K). With adjustable, spring balanced arm, clamp for horizontal surfaces up to 55mm thick and 600mm wide shade. White. For 220-240V 50Hz single phase supplies.</p> <p>LM117-20 Triple fluorescent lamp</p>
	<p>CANCELLATION</p> <p>MW708-35 Cancelled, offer MW708-40</p>
	<p>CANCELLATION</p> <p>PW130-40 Cancelled, no replacement</p>
	<p>CANCELLATIONS</p> <p>RD300-10 Cancelled, no replacement RD300-50 Cancelled, no replacement RD300-55 Cancelled, no replacement</p> <p>RD315-17 Cancelled, no replacement RD315-18 Cancelled, no replacement</p>
	<p>AMENDMENTS</p> <p>SB882-series now have stainless steel fittings.</p> <p>All other details are unchanged.</p> <p>CANCELLATIONS</p> <p>SB890-10 Cancelled, offer SB895-55 SB890-20 Cancelled, offer SB890-40</p> <p>SB895-25 Cancelled, offer SB895-75</p>

	<p>CANCELLATIONS</p> <p>SC250-10 Cancelled, offer SC250-20 SC250-14 Cancelled, offer SC250-28 SC250-18 Cancelled, offer SC250-36</p>
	<p>CANCELLATION</p> <p>SF750-10 Cancelled, offer SF752-10</p> <p>AMENDMENT</p> <p>SF752-10 is now model EFL2000.</p> <p>All other details remain unchanged.</p>
	<p>CANCELLATIONS</p> <p>SJ364-30 Cancelled, offer SJ364-36 SJ364-32 Cancelled, offer SJ364-36 SJ364-34 Cancelled, offer SJ364-36</p> <p>REINSTATEMENT</p> <p><u>Accessories</u></p> <p>SJ364-18 Cell holder, adjustable, for 20 to 100mm cells</p> <p>AMENDMENT</p> <p>SJ364-36 holds 10mm square cuvettes, and 10mm, 16mm and 24mm diameter vials. Also required for use with Aquanova reagent kits.</p> <p>All other details remain unchanged.</p>
	<p>CANCELLATIONS</p> <p>SJ373-18 Cancelled, offer SJ364-09 SJ373-27 Cancelled, offer SJ364-18 SJ373-30 Cancelled, offer SJ364-36</p>
	<p>CANCELLATION</p> <p>SJ377-79 Cancelled, offer SJ364-36</p>

CANCELLATIONS

SM250-30 Cancelled, offer SM250-50
SM254-30 Cancelled, no replacement

NEW ITEM

Pipette Stand

Blue polypropylene. For holding up to 94 pipettes vertically. Comprises removable pipette support mounted on base and rod.

SM250-50 Pipette stand, vertical

NEW ITEMS

Magnetic Stirrer, Stuart Undergrad US151

Speed range 100 to 2000rpm. Maximum volume stirred 15 litres. Stainless steel top plate 150 x 150mm. Overall 172 x 248 x 109mm W x D x H. Electronic, variable speed control with dial setting and 'off' position. With facility for maintaining a retort rod behind the top plate and base cut-outs to allow a retort stand base to slide under the housing. For 230V 50Hz single phase supplies.

SS345-45 US151

Magnetic Stirrer, Stuart Undergrad UC151

Generally as SS345-45 but with white glass ceramic top plate for chemical resistance and visibility of colour changes during titration. For 230V 50Hz single phase supplies.

SS345-49 UC151

NEW ITEM

Magnetic Stirrer/Hotplate, Stuart Undergrad US152

Maximum speed 2000rpm and volume stirred 15 litres. Maximum temperature 325°C. With cast aluminium/silicon alloy top plate with thin ceramic coating for additional chemical resistance, 150 x 150mm, microprocessor controlled heating with safety circuit, direct temperature dial setting with back illumination which progressively lights as the plate temperature increases to set point, variable speed control with 'off' position, and 'stirrer on' and 'heater on' warning lamps (the heater lamp flashes when the plate temperature exceeds 50°C). With retort rod mount behind the top plate and base cut-outs to allow a retort stand base to slide under the housing. Overall 172 x 248 x 122mm W x D x H. Weight 2.9kg. For 230V 50Hz single phase supplies, 750W.

SS705-10 US152

	<p>NEW ITEM</p> <p><u>Magnetic Stirrer/Hotplate, Stuart Undergrad UC152</u> Generally as SS705-10 but maximum temperature 450°C and with glass ceramic top plate 150 x 150mm. For 230V 50Hz single phase supplies, 550W.</p> <p>SS705-15 UC152</p>
	<p>CANCELLATIONS</p> <p>ST500-30 Cancelled, offer ST500-25 ST500-35 Cancelled, offer ST500-45</p> <p>AMENDMENT</p> <p>ST590-12 now comprises one each of glass cylindrical sizes 6, 12, 20, 25, 45 and 60mm not 6, 12, 20, 25, 35 and 45mm as stated in the catalogue.</p> <p>All other details remain unchanged.</p>
	<p>CANCELLATION</p> <p>TH710-10 Cancelled, no replacement</p>
	<p>CANCELLATION</p> <p>TJ849-20 Cancelled, no replacement</p>
	<p>CANCELLATION</p> <p>TM480-19 Cancelled, offer TM480-21</p> <p>NEW ITEM</p> <p><u>Electronic Stopwatch</u> Quartz controlled movement, 24 hour model with LCD in robust, yellow plastic case. Split time facility count to 0.01 seconds for first 30 minutes and then in 1 second increments to 24 hours. Includes water resistant case and 8mm high display.</p> <p>TM480-21 Stopwatch</p>

	<p>CANCELLATION</p> <p>TM850-60 Cancelled, offer TM850-20</p>
	<p>CANCELLATIONS</p> <p>TR170-50 Cancelled, offer TR285-50 TR174-25 Cancelled, offer TR285-60</p>
	<p>AMENDMENTS</p> <p>WB950-90 now has the reference WGW001VTML, and WB950-92 now has the reference WGW002VTML, not WGW001VT and WGW002VT as stated in the catalogue.</p> <p>All other details remain unchanged.</p>
	<p>CANCELLATION</p> <p>WR239-20 Cancelled, offer WR239-25</p> <p>NEW ITEM</p> <p><u>Secchi Disk</u> Water depth and clarity measurement disk, diameter 200mm, with black/white quadrants. Weighted, with 14 metre cord.</p> <p>WR239-25 Secchi disk</p>
	<p>CANCELLATIONS</p> <p>WS885-40 Cancelled, no replacement WS885-44 Cancelled, no replacement</p>
	<p><i>T H E E N D</i></p>

PRICES FOR NEW ITEMS

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CAT. NO.	PRICE £	Per	CODE
AT160-12	17.45	pack	EO
BA030-64	163.33	pack	SS
CT102-23	376.00	each	KJ
DB300-40	4250.00	each	BO
DB300-45	4090.00	each	BO
DB304-42	145.00	each	BO
DB304-44	173.00	each	BO
DB304-46	195.00	each	BO
DB304-50	106.00	each	BO
DB304-53	141.00	each	BO
DB304-56	83.00	each	BO
DB304-59	140.00	each	BO
DB304-65	220.00	each	BO
DB304-67	165.00	each	BO
DB304-69	110.00	each	BO
HP200-17	220.00	each	OS
HP405-23	230.00	each	OS
LM117-20	107.00	each	RO
SJ364-18	99.00	each	KJ
SM250-50	19.70	each	AO
SS345-45	195.00	each	OS
SS345-49	199.00	each	OS
SS705-10	275.00	each	OS
SS705-15	285.00	each	OS
TM480-21	7.40	each	AO
WR239-25	100.00	each	BO

T H E E N D