#### A J COPE & SON LTD The Oval London E2 9DU Telephone: +44 (0) 20 7729 2405 Facsimile: +44 (0) 20 7729 2657

Internet:

<u>www.ajcope.co.uk</u>

#### ELECTRONIC CATALOGUE CUSTOMER'S AMENDMENTS ISSUE 03 — JUNE 2010 Page 1 of 8 pages

	Amendment
	CANCELLATION AT160-17 Cancelled, offer AT160-16
	NEW ITEM AT160-16 Autoanalyser cups, 1.5ml, conical, pack of 2000
	NEW ITEMS
	Prestige Medical Media autoclave, Model 2100-47
	9 litres. Generally as AU125-15 but with sterilising temperature 121 <sup>o</sup> C for minimum 22 minutes. Also incorporates a lid safety interlock which does not release the lid until the internal temperature has falle to a safe level and a controlled cooling process, which protect glassware from thermal shock and medi from boiling and leakage. For 230V 50/60Hz single phase supplies. AU125-22 Autoclave, 2100-47
	Prestige Medical Media autoclave, Model 2100-48
	12 litres. An extended body version of AU125-22. For 230V 50/60Hz single phase supplies. AU125-49 Autoclave, 2100-48
:============	CANCELLATION
	BA055-36 Cancelled, offer BA055-34
	CANCELLATIONS
	CANCELLATIONS BJ162-13 Cancelled, offer BJ162-05
	BJ162-15 Cancelled, offer BJ162-12
	BJ162-17 Cancelled, offer BJ162-26
	REINSTATEMENTS
	BJ175-46 LU36 Sloping lid, stainless steel, for 34 litre unstirred baths
	BJ176-35 LF36 Flat lid with 8 holes and ring sets for 34 litre unstirred baths
	BJ177-35 RS36H raise shelf, stainless steel for 34 litre baths
	NEW ITEMS
	JB Aqua Plus Baths, ambient + 5oC to +98 <sup>o</sup> C, Grant
	Generally as previous BJ164-range, but additionally with drain tap fitted on 12 to 26 litre models. For 230V 50Us single phase supplies
	230V 50Hz single phase supplies. BJ154-02 JB Aqua 2 Plus, 2 litres, 0.13kW
	BJ154-04 JB Aqua 25 Plus, 2 litres low form, 0.375kW
	BJ154-05 JB Aqua 5 Plus, 5 litres, 0.375kW
	BJ154-12 JB Aqua 12 Plus, 12 litres, 0.77kW
	BJ154-18 JB Aqua 18 Plus, 18 litres, 1.5kW
	BJ154-26JB Aqua 26 Plus, 26 litres, 1.5kWBJ154-40JB Aqua Dual Plus, 5 and 12 litres, 1.2kW
	DJ 157-70 JD Aqua Duai 1 105, 5 anu 12 nu 5, 1.2KW
ontinued 2	

Page 2 of 8 pages

	Amendment	t
	NEW ITEMS	continued
		us Baths, ambient + $5^{\circ}$ C to +99 $^{\circ}$ C, Grant
	SUD Aqua Fi	previous BJ167-range, but now feature 3 programmable temperature presets, front panel
		event accidental changeover to settings, countdown timer with audible alarm at end of
		and additionally with drain tap fitted on 12 to 34 litre models. For 230V 50Hz single phase
	supplies.	and additionarry with drain tap fitted on 12 to 34 fitte models. For 250 v Softz single phase
	BJ159-02	SUB Aqua 2 Plus, 2 litres, 0.13kW
	BJ159-04	SUB Aqua 25 Plus, 2 litres low form, 0.375kW
	BJ159-05	SUB Aqua 5 Plus, 5 litres, 0.375kW
	BJ159-12	SUB Aqua 12 Plus, 12 litres, 0.77kW
	BJ159-18	SUB Aqua 18 Plus, 18 litres, 1.5kW
	BJ159-26	SUB Aqua 26 Plus, 26 litres, 1.5kW
	BJ159-34	SUB Aqua 34 Plus, 34 litres, 2.1kW
	BJ159-40	SUB Aqua Dual Plus, 5 and 12 litres, 1.2kW
	SBB Aqua Plu	us Baths for boiling, Grant
		ogue energy regulator. Boiling can be maintained without violent agitation or excessive
		vertemperature cut-outs are fitted for safety. A constant level device and non-drip
		e lid are provided. These baths must be used with a lid or a layer of polypropylene spheres.
		Iz single phase supplies.
	BJ162-05	SBB Aqua 5 Plus, 5 litres, 1.5kW
	BJ162-12	SBB Aqua 12 Plus, 12 litres, 1.5kW
	BJ162-18	SBB Aqua 18 Plus, 18 litres, 2.0kW
	BJ162-26	SBB Aqua 26 Plus, 26 litres, 2.0kW
===========		
	CANCELLA	ΓΙΟΝS
	BJ164-02	Cancelled, offer BJ154-02
	BJ164-04	Cancelled, offer BJ154-04
	BJ164-05	Cancelled, offer BJ154-05
	BJ164-12	Cancelled, offer BJ154-12
	BJ164-18	Cancelled, offer BJ154-18
	BJ164-26	Cancelled, offer BJ154-26
	BJ164-40	Cancelled, offer BJ154-40
	BJ167-02	Cancelled, offer BJ159-02
	BJ167-04	Cancelled, offer BJ159-04
	BJ167-05	Cancelled, offer BJ159-05
	BJ167-12	Cancelled, offer BJ159-12
	BJ167-18	Cancelled, offer BJ159-18
	BJ167-26	Cancelled, offer BJ159-26
	BJ167-40	Cancelled, offer BJ159-40
	REINSTATE	MENTS
	BJ175-46	LU36 Sloping lid, stainless steel, for 34 litre unstirred baths
	BJ176-26	LF36 Flat lid with 8 holes and ring sets for 34 litre unstirred baths
	BJ177-35	RS36H Raised shelf, stainless steel, for 34 litre unstirred baths
	NEW ITEM	
	BJ177-28	RS18H Raised shelf, stainless steel, for 18 litre unstirred baths
	All other deta	ils and accessory items are unchanged.
===================		
continued 3		

Page 3 of 8 pages

	Amendme	nt				
	NEW ITEM Shaking Wa	is iter Baths, Grant GLS A	aug Plus			
		r shaking action	quu i lus			
		netically coupled shaking	trolley for use with	accessory	v trays	
	0	e: ambient + 5°C to 99°C				
		stable stroke speed, 40 to				length
	-	perature stability (DIN 58		•		monto control
		ammable temperature a digital setting and dis		resets with	n precise PID elect	tronic control,
	♦ Choic	ce of bath capacities: 12 of		o canacitie	s: 5 or 8 litres)	
		t panel lock-out to avoid i				
		drip, polycarbonate lid su	•			
		tdown timer with audible				
		resettable sample protect			t	
		tap provided for easy er				
	◆ Can I	be converted to an unstir	red water bath usin	ig accessor	ry base tray	
	Shaking Wa	ter Baths, Grant GLS A	aug Plus			
		1. Supplied with non-drip		abled lid. N	Maximum flask in	mersion 60mm. For
		60Hz single phase suppl				
		ays for operation.	5		• /	
	BJ380-10	GLS Aqua 12 Plus, 0.				
	BJ380-20	GLS Aqua 18 Plus, 1.	5kW			
	A					
	Accessories Universal fla	ack trave				
		accommodate a variety of	of vessels including	conical fla	sks un to 1litre. A	n adjustable
		cross-springs secures the				
	BJ384-04	UT12 for BJ380-10	<b>,</b>		,	
	BJ384-09	UT18 for BJ380-20				
	Plain trays	· · · · · · · · · · · · · · · · · · ·	<b>.</b>			
	Accommoda BJ384-15	ite containers, bags and r UTP12 for BJ380-10	miscellaneous vessel	lS.		
	BJ384-18	UTP18 for BJ380-20				
	23001 10					
	Test tube tra	ays				
		H1 series test tube racks				
	BJ384-22	TT12, up to 3 racks, f				
	BJ384-26	TT18, up to 5 racks, f	or BJ380-20			
	Racks H1 se	rios				
		el, 200 x 75mm, for test t	ubes as indicated a	nd B1384.	22/B I284-26	
	BJ412-04	48 x 10mm		412-20	12 x 25mm	
	BJ412-08	44 x 13mm		412-24	10 x 30mm	
	BJ412-12	24 x 16mm	BJ	412-35	48 x 1.5ml	
	BJ412-16	21 x 19mm			microtubes	
	Base trays	al. Can be used to usulas	a tha ahaliina tualla			
		el. Can be used to replace latform over the heater o				i unsurreu Datn.
	BJ384-40	SBT14, for BJ380-10	on which vessels and	u racks ca	n be placeu.	
	BJ384-42	SBT28, for BJ380-20				
		· -				
============	•+===========				==========	
	REINSTAT	EMENT				
	BR150-17	Bottles, medical dispe	nsing, amber glass,	50ml R3/2	22 neck, pack 80	
continued 4						
Conundeu 4	1					

Page 4 of 8 pages

		0	
	Amendment		
			Yuges 96 tubes. Without buckets or adapters.
	Adapters/buckets for CD7		
	CD729-45         1 x ASTM I           CD729-46         1 x Adapter		80-10) for bucket CD729-45
			80-14) for bucket CD729-45 (4-24) for bucket CD729-45
==========			
	RS232 interface.		for economic cooling of instruments down to $-15^{\circ}C$ and without
	Cat No. Model		CL125-06 F250
	Temp. range	°C	+5 to +40
	Cooling capacity at	20°C W 15°C W	250
		15 C W 10°C W	240 220
	D	5°C W	210
	Pressure pump cap. Max. liquid flow rate (12mm i.d. tubing)	bar litres/min.	fixed, 0.35 15
	Inlet/outlet connections	M16 x 1 with	1 ferrule adapters for 8mm and 12mm i.d. tubing
	Filling volume Overall, W x D x H	litres mm	1.7 to 2.6 240 x 400 x 520
	Weight	kg	270 X 400 X 520 27
	Recirculating chiller F250 As described. Supplied wit For 230V 50Hz single phas CL125-06 F250	th ferrule adap	ters for 8mm and 12mm i.d. inlet/outlet tubing.
	which contains glass fragn Calibrated "to contain". R Capacity ml	ss A. Duran® k nents in the eve ling mark and Tolerand ±ml	borosilicate glass with light blue, polyurethane safety coating ent of breakage. With square grip, polyethylene stopper. inscriptions in highly contrasting blue enamel.
	Class A. Conventional Sha FL561-38 50 <sup>†</sup>	ape 0.08	14/23
	FL561-43 100 FL561-50 200	0.1 0.15	14/23 14/23
	FL561-50 200 FL561-55 250	0.15 0.15	14/23 14/23
	FL561-60 500 FL561-65 1000 † Wide neck	0.25 0.4	19/26 24/29
continued 5			

Page 5 of 8 pages

Amendmer	nt		
CANCELLA	ATIONS		
FX114-15	Cancelled, no replacement	FX115-40	Cancelled, no replacement
FX114-20	Cancelled, no replacement	FX115-45	Cancelled, no replacement
FX114-50	Cancelled, no replacement	FX117-10	Cancelled, no replacement
FX114-55	Cancelled, no replacement	FX117-20	Cancelled, no replacement
FX114-85	Cancelled, no replacement	FX117-50	Cancelled, no replacement
FX114-90	Cancelled, no replacement	FX117-55	Cancelled, no replacement
FX115-25	Cancelled, no replacement	FX117-60	Cancelled, no replacement
FX115-30 FX115-35	Cancelled, no replacement Cancelled, no replacement	FX117-70	Cancelled, no replacement
NEW ITEM	c		
	s uffle Furnaces, Nabertherm		
	mum temperature 1100°C, (worki	ng temperature 105	0°C)
	tz sheathed, tubular elements hou		
	layered insulation with dual-wall		
	eratures		
	ess steel outer housing		
	ge-down" door which can also be	used as a work platf	orm
	ust air outlet at rear of chamber		
	controller types:		
	programme, 1 segment, time and		
	- 1 programme, 2 segments, time		ting with status
alarm	, delayed start function and opera	ating time display	
A a doacethe -	Maximum townshires 1100°C	With allian about	a
	I. Maximum temperature 1100°C.		u,
FX118-05	ents. For 230V 50Hz single phase LE1/11/R6	supplies.	
FX118-05 FX118-10	LE1/11/R0 LE2/11/R6		
FX118-10 FX118-20	LE2/11/R6		
FX118-30	LE6/11/B150		
FX118-40	LE14/11/B150		
 NEW ITEM	S		
	ırnaces, Nabertherm		
	e of maximum temperature 1100°		
	nic heating plates with integral he	eating elements prot	ected against
	and splashes		
	ble, vacuum cured, ceramic fibre	lining with dual-wal	led housing giving
	sternal temperatures		
	ess steel outer housing		
	lel hinge, lift door keeps hot face a		
	stable air inlet integrated into doo	r with exhaust air o	utlet at rear
of cha		, , <b>.</b> .	<i></i>
	controller: 1 programme, 2 segme		
with s	status alarm, delayed start functio	n and operating tim	e display
A a dame	Morimum tone and the set of	atad With armer'	haating
	l. Maximum temperature as indic ntegral heating elements. For 230		
-			
1100°C maxi		1200°C maxi	
FX120-15	LT3/11/B180	FX124-15	LT3/12/B180
FX120-25	LT5/11/B180	FX124-25	LT5/12/B180
FX120-35	LT9/11/B180	FX124-35	LT9/12/B180
FX120-45	LT15/11/B180	FX124-45	LT15/12/B180

Page 6 of 8 pages

	mendment	
	NEW ITEMS Dry Ice Storage container, Coolit Designed to provide a rugged, stable container for long term storage of ice and dry on the bench. Leakproof, white polystyrene body with 25mm thick double insulate wall, filled with expanded polystyrene foam. Capacity 4 litres. Overall 215 x 285 x 285mm H x W x D. Supplied singly. C465-10 Coolit C465-14 Insulated lid for IC465-10	
	ANCELLATIONS A475-30 Cancelled, offer LA475-35 LA476-34 Cancelled, offer LA47 A475-45 Cancelled, on replacement LA476-40 Cancelled, offer LA47 A476-09 Cancelled, offer LA476-04 LA476-52 Cancelled, offer LA47 A476-09 Cancelled, offer LA476-11 LA476-56 Cancelled, offer LA47 A476-15 Cancelled, offer LA476-16 LA476-60 Cancelled, offer LA47 A476-28 Cancelled, offer LA476-16 LA476-60 Cancelled, offer LA47 A476-28 Cancelled, offer LA476-17 LA476-16 LA476-60 Cancelled, offer LA47 A476-29 Cancelled, offer LA476-16 LA476-60 Cancelled, offer LA476 A476-28 Cancelled, offer LA476-29 WEW ITEMS Fortable Label Printer Specifically designed for universal applications. Printing facilities in ate/time stamp, serialisation with advanced (shift serialisation) mode, pre-programmed labelling nd Greek symbol characters included. Battery operated (mains operation available using access dapter). Accessory labels are printed in a non-smear, non-fading ink which is chemical and solv esistant and cover a variety of applications from -196°C LN2 storage to autoclaving at 121°C. At xposed tape backing edge ensure easy peeling when wearing gloves. Printing is available using access dapter). Accessory labels are printed unitien in a non-smear, non-fading ink which is chemical and solv esistant and cover a variety of applications from -196°C LN2 storage to autoclaving at 121°C. At xposed tape backing edge ensure easy peeling when wearing gloves. Printing is available using a A475-35 BMP <sup>TW21</sup> A475-47 A.C. adapter for LA475-35 LG10-15 Spare battery, 1.5V (6 required) Existing product (accessory tapes upplied in drop-in cartridges containing a continuous 6.4metre length (except nylon cloth - .8 metres long), in widths as indicated. White gloss polyester uitable for vial, microplate and general identification. Sylene resistant. For use in recers (to -70°C), liquid nitro must be wrapped onto itself around vials), autoclavable (121°C maximum) and can be used in wa aths up to 100°C. A476-61 12.7mm wide A476-61 12.7mm wi	6-42 6-53 6-57 6-62 nclude, g sizes ory a.c. ent n t sizes x 115 ries.
continued 7		

Page 7 of 8 pages

	Amendment
	<ul> <li>NEW ITEM</li> <li>Digital Microscope ML1000, Zenith</li> <li>Magnification 40X to 1000X (1600X with accessory eyepieces)</li> <li>Binocular head with built-in 1.3 megapixel CMOS camera with USB output and application software* supplied</li> <li>DIN standard parcentred achromatic objectives</li> <li>Co-axial coarse and fine focussing with indexed scale</li> <li>Smooth action x-y mechanical stage</li> <li>Built-in 6V 20W halogen illumination with adjustable brightness control</li> <li>* Requires a personal computer running Windows<sup>TM</sup> 2000/XP/Vista/7</li> <li>Digital Microscope ML1000, Zenith</li> <li>Magnification 40X to 1000X. With 45° inclined binocular head, with adjustable interpupillary distance and rotatable 360°. The head incorporates a 1.3 megapixel (1280 x 1024 pixel) CMOS digital camera with USB output. Coaxial coarse and fine focussing with indexed scale, adjustable tension control and focus-stop. Reversed position quadruple nosepiece turret. Mechanical stage 120 x 140mm with x-y movement and coaxial low-drive controls. Also features a bright Abbe condenser (N.A. 1.25) with iris diaphragm in centring mount. Built-in 6V 20W halogen illumination with adjustable brightness control. Eyepieces — W10XD paired, high eyepoint, 18mm field</li> <li>Objectives — 4XD, 10XXD, 40XRD, 100XRD (oil), parcentred achromatic</li> <li>Supplied with USB 2.0 connection cable, application software CD and dust cover. Overall 170 x 215 x 360mm W x D x H. Weight 6.5kg. For 230V 50Hz single phase supplies.</li> </ul>
	MJ187-78W16XD Eyepiece (2 required)MJ288-25Spare 6V 20W bulb for MJ295-series
	CANCELLATION ML375-52 Cancelled, offer ML375-48
	NEW ITEMS Filter Pipette Tips, Brand Capacity 0.1 to 1µl. Compatible with Gilson, Finnpipette, Biohit, Brand pipettors. PR844-14 sterile, racks of 5 x 96 (480)* PR844-17 non-sterile, pack of 960 * Includes sterile tip box filled with one rack.
	AMENDMENT PT550-70 is now Bellingham & Stanley ADP440 <sup>+</sup> . Generally as previous ADP440 but now with additional 21CFR Part 11 compliance features and individual user RFID identification system. Supplied with 3 RFID tags which can be "swiped" across the instrument surface.
continued 8	

Page 8 of 8 pages

Amendment
<ul> <li>NEW ITEMS</li> <li>High performance, precision peristaltic pumps with digital control and motor drive for accurate dispensing.</li> <li>Choice of interchangeable pumpheads: <ul> <li>A1R3 single channel, 3 roller, high pressure, 0.006 to 360ml/min.</li> <li>B2R10 two channel, 10 roller, high precision, 0.0045 to 32ml/min.</li> </ul> </li> <li>Manual input of speed adjustment stop/start, using LED display or automatically through an accessory control module</li> <li>Designed for continuous operation</li> <li>Forward or reverse modes selectable</li> <li>"Rapid Prime" function</li> <li>Accessory external control modules available for 0-5V, 0-10V or 4-20mA analogue control</li> <li>Memory storage of currently running parameters</li> </ul>
Peristaltic pumps, i50, iPumpAs described. Supplied with pumphead as indicated, Overall 232 x 142 x 149mm (L x W x H). Weight2.5kg. For 90 to 260V 50/60Hz single phase supplies, 30W.PX600-10i50 with A1R3PX600-40i50 with B2R10
Spares and accessoriesPX603-05A1R3 pumphead onlyPX603-15B2R10 pumphead only
 External control modules PX603-45 0 to 5V analogue PX603-50 0 to 10V analogue PX603-60 4 to 20mA analogue
AMENDMENTS RG270-50 is now 430 litres, with external dimensions 1860 x 600 x 680mm H x W x D RG270-90 is now 430 litres, with external dimensions 1860 x 600 x 680mm H x W x D All other details are unchanged (please note revised pricing applies).
 NEW ITEM Bench Protection, non-slip, Kimtech Science <sup>™</sup> High absorbent (450g/m2 water absorbence), cellulose fibre paper top surface laminated to a strong layer of impermeable, non-slip, green polyethylene film. Chemical resistant to common acids, bases and solvents (acc. ASTM F903). Supplied in a pack of 50 sheets, each 45. 7 x 49.5cm. SA219-15 Pack of 50 sheets, 45. 7 x 49.5cm
 CANCELLATION SA922-09 Cancelled, offer SA922-05
 CANCELLATIONS SL610-10 Cancelled, offer SL600-10 SL854-20 Cancelled, no replacement
 AMENDMENT TJ109-05 is now supplied with thermometer connector, with 1m coiled cable and miniplugs at each terminal.
ΤΗΕ ΕΝΟ

#### PRICES FOR NEW ITEMS Page 1 of 3 pages

**JUNE 2010** 

#### Per CAT. NO. PRICE £ CODE AT160-16 44.00 pk 2000 EO AU125-22 875.00 each OD AU125-49 1045.00 OD each **BJ154-02** 310.00 each OA **BJ154-04** 310.00 each OA BJ154-05 340.00 each OA **BJ154-12** 399.00 OA each **BJ154-18** 499.00 each OA 565.00 BJ154-26 each OA **BJ154-40** 635.00 each **OA BJ159-02** 450.00 each OA BJ159-04 450.00 OA each BJ159-05 485.00 OA each BJ159-12 555.00 each OA BJ159-18 595.00 each OA BJ159-26 650.00 OA each **BJ159-34** 855.00 each OA **BJ159-40** 995.00 each OA BJ162-05 550.00 OA each **BJ162-12** 650.00 each OA **BJ162-18** 700.00 each OA BJ162-26 725.00 OA each BJ175-46 135.00 each OA BJ176-26 282.00 each OA **BJ177-28** 85.00 OA each BJ177-35 130.00 each OA **BJ380-10** 1450.00 OA each **BJ380-20** 1600.00 each OA **BJ384-04** 150.00 each OA **BJ384-09** 160.00 each OA 90.00 **BJ384-15** each OA **BJ384-18** 100.00 OA each **BJ384-22** 150.00 each OA **BJ384-26** 160.00 each OA **BJ384-40** 46.00 OA each **BJ384-42** 50.00 each OA CD728-67 1017.00 FO each CD729-45 162.00 FO each CD729-46 59.00 each FO

PRICES FOR NEW ITEMS

**JUNE 2010** 85.00 FO CD728-47 each **CD729-48** 138.00 FO each CL125-06 FZ 2150.00 each FL561-38 22.30 (20.10) ea. (ea.. 2+) JJ 22.40(20.20)FL561-43 ea. (ea.. 2+) FZ FL561-50 29.00 (26.10) ea. (ea.. 2+) FZ FL561-55 31.90 (28.70) FZ ea. (ea.. 2+) FL561-60 39.15 (35.25) FZ ea. (ea.. 2+) FL561-65 51.15 FZ each BR150-17 18.85 RO pack of 80 FX118-05 885.00 LO each FX118-10 1035.00 each LO FX118-20 1115.00 LO each FX118-30 1225.00 LO each FX118-40 1495.00 each LO FX120-15 1405.00 each LO FX120-25 1765.00 LO each FX120-35 1865.00 LO each FX120-45 2195.00 each LO FX124-15 1705.00 each LO FX124-25 2045.00 LO each FX124-35 2365.00 LO each FX124-45 2465.00 each LO IC465-10 36.95 each FO IC465-14 19.95 each FO LA475-35 122.00 FO each 37.25 LA475-47 FO each LA476-04 17.50 each FO LA476-11 19.75 FO each LA476-16 23.00 FO each LA476-29 21.95 each FO LA476-36 25.85 FO each LA476-42 29.70 FO each LA476-53 21.30 each FO LA476-57 25.10 FO each LA476-62 28.80 FO each MJ280-75 425.00 each BO **PR844-14** 56.75 Pk. 5 x 96 (480) OG PR844-17 64.00 Pk. 960 OG PX600-10 FO 520.00 each

Page 2 of 3 pages

PRICES FOR NEW ITEMS Page 3 of 3 pages

PX600-40	520.00	each	FC
PX603-05	235.00	each	FO
PX603-15	225.00	each	FO
PX603-45	17.00	each	FC
PX603-50	17.00	each	FC
PX603-60	17.00	each	FC
RG270-50	1795.00	each	FC
RG270-90	1995.00	each	FC
SA219-15	52.50 (47.75)	pack of 50 (8+)	EC

# THE END