A J COPE & SON LTD

The Oval

London E2 9DU

Telephone: +44 (0) 20 7729 2405 Facsimile: +44 (0) 20 7729 2657 Internet: www.ajcope.co.uk

ELECTRONIC CATALOGUE CUSTOMER'S AMENDMENTS ISSUE 3 — March 2012 Page 1 of 13 pages

Amendment			
CANCELLATION BR160-31 Cancellation		R160-35	
CANCELLATION BR370-90 Canc		R372-90	==
	elled, offer BI <u>lene, leakprod</u> urdy transluc		 .1
BR756-30	100	20	

ISSUE 3 — March 2012 Page 2 of 13 pages

CANCELLATIONS

BS200-10 Cancelled, offer BS200-12 BS200-15 Cancelled, offer BS200-17

NEW ITEMS

Disposable Specimen Containers, Sterilin

Generally as previous BS200-series containers, but with a 'Quickstart' cap. Sterile. CE marked in accordance with the in-vitro diagnostic (I.V.D) medical devices directive (93/42/EC). Leak-free in accordance with EN14524 Annexe D. Supplied in packs as indicated.

	Ref.	Container/Description	Сар	Pack qty.
BS200-12	128B†	30ml Universal, printed label	Ps/Pp-L	400
BS200-17	128C†	30ml Universal, plain label	Ps/Pp-L	400

[†]Certified to remain leak-free at 95kPa pressure differential

AMENDMENT

BS825-50 is PVC, not polyethylene as stated in the catalogue.

All other details remain unchanged.

CANCELLATION

BS920-20 Cancelled, offer BS920-10

AMENDMENT

BW660-36 should have 0.05ml graduations, not 0.10ml as stated in the catalogue.

All other details remain unchanged.

ISSUE 3 — March 2012 Page 3 of 13 pages

NEW ITEMS

Dehydrated Culture Media

Lab M

A comprehensive range of culture media for use in applications as indicated. Supplied in packs of 500g.

	Туре	Application(s)	Volume produced, litres
CX900-02	Agar Bacteriological No. 1	High clarity agar suitable for all bacteriological purposes	*
CX900-06	Baird-Parker Agar Base	Isolation and enumeration of coagulase-positive Staphylococci	7.6
CX900-10	Blood Agar Base No. 2	Rich agar base, which when supplemented with blood will isolate delicate cinical pathogens	12.7
CX900-14	Brain Heart Infusion Agar	General purpose, nutritious agar base	10.2
CX900-18	Brain Heart Infusion Broth	A rich isotonic infusion providing a wide range of substrates	13.5
CX900-22	Brilliant Green Agar,	Selective medium for the isolation	9.6
	Kauffmann	of Salmonellae (except S. typhi)	
CX900-30	Buffered Listeria Broth	Selective enrichment of food and environmental samples for Listeria spp.	10.6
CX900-34	Buffered Peptone Water	Pre-enrichment broth for the recovery of Salmonellae in foods to BS EN ISO 6579:2002	25.0
CX900-38	Campylobacter Blood-Free	Blood-free medium that will	11.1
	Sel. Agar Base	support the growth of most enteric Campylobacter spp.	
CX900-42	Columbia Agar Base	General purpose nutritious agar base that can be enriched with blood	12.2
CX900-46	Deoxycholate Citrate Agar	Leifson's original formulation for the isolation of Salmonellae spp. And Shigella spp.	11.0
CX900-50	Dextrose Tryptone Agar	Enumeration of thermophilic spore bearers in foods	18.5
CX900-58	Endo Agar	Enumeration of coliforms in water and dairy products - APHA recommended	12.2
CX900-62	Eosin Methylene Blue	Differentiation of enteric	14.5
CX900-66	Agar (Levine) Fraser Broth	organisms Enrichment broth for the isolation of	9.0
CX900-70	Hektoen Enteric Agar	Listeria spp. Recovery of Shigella spp. from clinical	6.6
	_	specimens	
CX900-74	Hoyles Medium	Isolation and differentiation of Corynebacterium diptheriae types gravis, mitus, and intermedius	13.5
CX900-78	Kliglers Iron Agar	Differential medium for enteric pathogens	10.2
CX900-82	Lactose Broth	For presumptive identification of coliforms in water and dairy products	38.5
CX900-86	Listeria Broth	For selective enrichment of food and environmental samples for Listeria spp.	13.9
CX900-94	M.L.C.B. Agar	Selective medium for the isolation of Salmonellae (except S. typhi and S. paratyhi A)	10.2

ISSUE 3 — March 2012 Page 4 of 13 pages

CX902-03	M.R.S Agar	Cultivation and enumeration of Lactobacillus spp.	7.1
CX902-07	MacConkey Agar (Sorbitol)	Selective differential medium for the isolation of Escherichia Coli O157	10.3
CX902-11	MacConkey Agar (with salt)	Selective medium for the isolation of bile tolerant organisms	9.6
CX902-15	MacConkey Agar (without salt)	Differential medium for enteric bacteria	10.3
CX902-19	MacConkey Agar No. 3	For isolation of Enterobacteriaceae from	9.7
		water and sewage	
CX902-23	MacConkey Broth Purple	For detection and enumeration of faecal coliforms	14.3
CX902-27	Malt Extract Agar	An acidic medium for the isolation of moulds and yeasts	10.0
CX902-31	Malt Extract Broth	Isolation of yeasts and moulds in sterility testing	25.0
CX902-35	Mannitol Salt Agar	Isolation of salt tolerant Staphylococci	4.6
CX902-39	Membrane Lauryl Sulphate Broth	Enumeration of coliform organisms in water	6.6
CX902-43	Milk Plate Count Agar	Enumeration of micro-organisms in dairy products	20.8
CX902-47	Modified T.S.B (for E. coli O157)	Selective enrichment medium for VTEC Escherichia coli	15.1
CX902-51	Mueller Hinton Agar II	Adopted by the NCCLS as the definitive method for susceptibility testing	13.2
CX902-55	Mueller Hinton Broth	For the NCCLS tube dilution technique when calculating antibiotic M.I.C values	23.8
CX902-59	Nutrient Agar	General purpose agar for the cultivation of micro-organisms	17.9
CX902-63	Nutrient Agar No. 2 BP	General purpose broth for the cultivation of micro-organisms	20.0
CX902-67	Peptone water, buffered	Pre-enrichment broth for the recovery of Salmonellae in foods	25.0
CX902-71	Plate Count Agar	For use with pour plate and surface inoculation techniques	24.4
CX902-75	Potato Dextrose Agar	Recommended by APHA for the enumeration of yeasts and moulds in foodstuffs	
CX902-79	Proteose Peptone	Highly nutritious media suitable for fastidious organisms	_*
CX902-83	Pseudomonas CFC Agar	Burkholderia cepacia isolation medium	10.3
CX902-87	R2A Agar	Enumeration of heterotrophic bacteria in water	27.7
CX902-95	Reinforced Clostridial Agar	Enumeration of Clostridium spp. by the pour plate method	10.2
CX904-05	Reinforced Clostridial Media (RCM)	Recovery of low levels of Clostridium spp.	13.1
CX904-09	Rose Bengal Chloramphenicol Selective Media	Selective media for the enumeration of yeasts and moulds	
CX904-13	Sabouraud Dextrose Agar	Selective medium for fungi and yeasts	8.1
CX904-17		Liquid sterility test medium for the detection of yeasts and moulds	16.7
CX904-21	Sabouraud Maltose Agar	Selective medium for fungi and yeasts - recommended by the APHA	8.1
CX904-25	Sensitest Agar	Antibiotic suseptibility testing using the Joan Stokes technique	12.5
CX904-29	Simmons Citrate Agar	Differentiation of enteric bacteria	20.7
CX904-41	Standard Plate Count Agar APHA	For use with both pour plate and surface	21.2
CA704-41	Standard Flate Count Agai Al IIA	inoculation techniques - formulated to APHA specifications	21,2
CX904-45	TCBS Cholera Medium	Selective isolation of Vibrio spp.	5.7
CX904-49	Tetrathionate Broth Base	Selective enrichment broth for the growth of Salmonellae	10.9
CX904-53	Thioglycollate Medium (Brewer)	Sterility testing and cultivation of anaerobes	25.0
CX904-57	Triple Sugar Iron Agar	Differentiation of Enterobacteriaceae	7.7
CX904-61	Tryptone Soy Agar EP/USP/JP/BP	General purpose media that will support the growth of a wide range of organisms	13.5
CX904-65	Tryptone Soy Broth EP/USP/JP/BP	General purpose media that will support the growth of a wide range of organisms	18.2
CX904-69	Tryptone Water	Detection of indole from tryptophan	33.3
CX904-03 CX904-73	Urea Agar Base	Detection of incore from tryptophan Detection of urease-producing	23.8
CA704-73			43.0
	(Christensen's Urea Base)	micro-organisms	

ISSUE 3 — March 2012 Page 5 of 13 pages

	1			
	CX904-77	Violet Red Bile (Glucose) Agar	Enumeration of Enterobacteriaceae in food	13.0
	CX904-81	Violet Red Bile (Lactose) Agar	and dairy products Enumeration of coliforms in food and dairy	13.0
	CX904-85	W.L. Nutrient Agar	products Enumeration of micro-organisms in the	6.7
	CX904-89	Wort Agar	brewing process Enumeration of yeasts and moulds - can be	10.0
	CX904-93	XLD Agar	modified for osmophilic conditions Selective isolation of Shigella spp. and	9.3
	CX904-97	Yeast Extract Agar	Salmonella spp. Enumeration of micro-organisms in water	21.7
	CX904-99	Yersinia Selective Agar	and dairy products Isolation and enumeration of Yersinia spp.	8.6
	*Depends on	formulation required		
	FR200-12 catalogue. FR200-15 the catalog	and FR200-15 have stepped he catalogue. has a maximum operating thas a maximum operating the state of the st	side arms for 6-11mm tubing, not 10 emperature of +30°C, not +90°C as stemperature of +60°C, not +175°C as	tated in the
:=======	CANCEL	LATION Cancelled, offer LA600-40		
	NEW ITE	:		
	Microscop	<u>oes</u>		
	Modern, r		croscopes suitable for use in numero y in life sciences. Particular care has	
	□ Choice	e of DIN standard objective	fluorescence versions available sets: plan achromatic or plan semi-aps the viewing height to be adjusted	pochromat

ISSUE 3 — March 2012 Page 6 of 13 pages

Magnification up to 1000X, with 30° inclined Seidentopf head and swivel height adjustment, rotatable 360° with adjustable interpupillary distance (50 to 75mm) and dioptric adjustment, coaxial coarse and fine focusing and $0.2\mu m$ minimum movement. Reversed, quintuple (5-place) nosepiece turret. Stable mechanical stage $150 \times 140 mm$ with vernier, removable slide clip, x-y movement (max. 76mm x, 50mm y) and coaxial drop controls. Also features a height adjustable, Abbe condenser (N.A. 1.25) with iris diaphragm and filter ring. Built in 3W LED illumination with a.c. adapter for 85-240V supplies.

Eyepieces - WPL 10X, 22mm field Objectives - DIN standard, as indicated

Overall 200 x 294 x 397mm W x D x H. Weight 10kg. For 85-240V 50/60Hz single phase supplies.

Binocular models

MJ325-10	Plan achromatic 4XD,	10XD, 40XRD,	, 100XRD (oil)
-----------------	----------------------	--------------	----------------

MJ325-20 Plan semi-apochromatic 4XD, 10XD, 40XRD, 100XRD (oil)

MJ325-30 Plan phase apochromatic 10XD, 20XD, 40XRD, 100XRD (oil)

MJ325-40 Plan semi-apochromatic, fluorescence* 4XD, 10XD, 40XRD, 100XRD (oil)

Trinocular models

Generally as MJ325-series but with trinocular head, the vertical third tube accommodating accessory photographic mounts.

MJ327-10	Plan achromatic 4XD	, 10XD, 40XRD	, 100XRD (oil)

MJ327-20 Plan semi-apochromatic 4XD, 10XD, 40XRD, 100XRD (oil)

MJ327-30 Plan phase apochromatic 10XD, 20XD, 40XRD 100XRD (oil)

MJ327-40 Plan semi-apochromatic, fluorescence* 4XD, 10XD, 40XRD, 100XRD (oil)

*Equipped with fluorescence illuminator (reflected 100W mercury vapour light source) with separate power supply.

Accessories and Spares

MJ329-02	High eyepoint,	widefield	eyepiece with	micrometer reticule
----------	----------------	-----------	---------------	---------------------

MJ329-04 Polariser/analyser kit

MJ329-08 Neutral density filter

MJ329-12 Blue filter

M.J329-16 Yellow filter

MJ329-19 Green filter

MJ329-24 Photo adapter, 0.5X magnification for 1/2 inch C/CS mount cameras

MJ329-28 Photo adapter for SLR camera. Requires T2 adapter

MJ329-32 3.2X lens for MJ329-28

MJ329-36 T2 adapter for Canon EOS SLR camera

MJ329-42 T2 adapter for Nikon SLR camera

MJ329-50 Spare 3W LED lamp for MJ325/MJ327 microscopes

ISSUE 3 — March 2012 Page 7 of 13 pages

NEW ITEMS

Microscopes

Advanced and Research Models, F-series

Magn	ification	up	to	1000X

- ☐ Choice of binocular, trinocular, phase contrast or inverted models
- Quintuple nosepiece (quadruple inverted models only) with choice of semiplan or plan DIN objectives
- □ Co-axial coarse/fine focussing control with indexed scale
- ☐ Built-in 30W Köhler halogen illumination (except inverted models which have a standard 30W halogen illuminator)
- **☐** Smooth action x-y mechanical stage

Laboratory Microscopes, F-series

Magnification 40X to 1000X. With 30° inclined head rotatable through 360°, adjustable interpupillary distance and dioptric adjustment. The co-axial coarse and fine focussing controls have an indexed scale, adjustable focus tension and focus stop. The smooth action, detachable x-y mechanical stage, 171 x 140mm, features co-axial drop controls and x-y movement (80mm x, 52mm y). Also include a height adjustable Abbe condenser (N.A. 1.25) with iris diaphragm and blue filter in a carrier (phase contrast models include a rotatable disc with phase positions which can be centred and with a brightfield aperture). Built-in 30W Köhler illumination for 230V 50Hz single phase supplies.

Eyepieces - KHW 10X, 20mm field

Objectives - DIN standard, as indicated

Supplied complete with dust cover. Overall $195 \times 250 \times 380 \text{mm}$ W x D x H (except trinocular and inverted models). Weight 8.2kg. For 230V 50 Hz single phase supplies.

Binocular Models

MJ340-10 Semiplan objectives 4XD, 10XD, 40XRD, 100XRD

MJ340-20 Plan objectives 4XD, 10XD, 40XRD, 100XRD

Trinocular Models

Overall 195 x 250 x 490mm W x D x H. Weight 8.8kg.

MJ340-30 Semiplan objectives 4XD, 10XD, 40XRD, 100XRD

MJ340-40 Plan objectives 4XD, 10XD, 40XRD, 100XRD

Phase Contrast Models

MJ340-50 Binocular phase contrast (medium dark 'Zernike' type) semiplan 4XD and plan phase 10XD, 40XRD objectives

MJ340-60 Trinocular phase contrast (medium dark 'Zernike' type) semiplan 4XD and plan phase 10XD, 40XRD objectives

ISSUE 3 — March 2012 Page 8 of 13 pages

Inverted Model

Generally as MJ340-series but with binocular head, HW 10X eyepieces with 18mm field, 180 x 200mm mechanical stage with x-y movement (112mm x, 72mm y), inverted quadruple nosepiece with objectives as indicated, height adjustable condensers, N.A. 0.30 with 55mm working distance and N.A. 0.55 with 21mm working distance, and built-in 6V 30W halogen illuminator. Overall 195 x 250 x 420mm W x D x H. Weight 8.2kg. For 230V 50Hz supplies.

MJ345-15 Infinity type semiplan objectives 4XD, 10XD, 20XD, 40XD

Accessories

MJ347-04	High eyepoint, widefield eyepiece with micrometer scale 10mm/100
MJ347-08	Green filter, G53, for bino/trino/phase models only
MJ347-12	Yellow filter, Y48, for bino/trino/phase models only
MJ347-16	Spare halogen bulb 6V 30W
MJ347-20	Adapter for SLR camera with T2 mount. Requires photo eyepiece
	MJ347-22 or MJ347-24.
MJ347-22	Photo eyepiece, PH 3.3X with micrometer scale 10mm/100
MJ347-24	Photo eyepiece, PH 2.5X
MJ347-26	C-mount adapter with optics for CCD camera

MJ347-45 Petri dish holder (54mm diameter) for mechanical stage in inverted microscope only

MJ347-55 Specimen plate holder 76 x 26mm for mechanical stage in inverted microscope only

Terasaki plate holder with 60, 72, or 120 test fields, for mechanical stage **MJ347-65** in inverted microscope only

Green filter, G53, for inverted microscope MJ347-72 Blue filter, KB12, for inverted microscope **MJ347-76**

CANCELLATIONS

MN375-12 Cancelled, no replacement MN375-17 Cancelled, no replacement

AMENDMENTS

PX118-05 should have a total length of 480mm not 475mm as stated in the catalogue, and PX118-15 should have a total length of 690mm not 350mm as stated in the catalogue.

All other details remain unchanged.

ISSUE 3 — March 2012 Page 9 of 13 pages

CANCELLATION QMF11/5B/SC Cancelled, no replacement
CANCELLATION SA215-10 Cancelled, offer SA215-12
CANCELLATION SB887-25 Cancelled, offer SB895-75
NEW ITEMS UN-Approved Safety Cans Generally as SB896 series, but with design approved to ADR, RID, IMDG, ICAO-TI, GGVSEB and licensed for all types of hazardous goods (packaging group X). Screw cap SB896-45 1 litre SB896-55 2 litres SB896-65 5 litres UN-Approved Safety Canisters Generally as SB897 series, but with design approved to ADR, RID, IMDG, ICAO-TI, GGVSEB and licensed for all types of hazardous goods (packaging group X). SB897-37 5 litres SB897-47 10 litres SB897-57 20 litres
AMENDMENTS SD058-35 is now made from PTFE not PFA as stated in the catalogue. SD065-53 now has a capacity of 600ml not 500ml as stated in the catalogue. SD065-72 now has a capacity of 600ml not 500ml as stated in the catalogue. SD065-90 is now made from PVC/PA not PVC/PP as stated in the catalogue. SD065-95 is now made from PP/PA not PVC/PP as stated in the catalogue. All other details remain unchanged.

ISSUE 3 — March 2012 Page 10 of 13 pages

CANCELLATION ST512-45 Cancelled, offer ST512-40
NEW ITEM Ultrasonic Cleaner A budget ultrasonic cleaner for light duty operation. □ Digital control of sonification, temperature and operation time □ Temperature range 20 to 80°C □ Timer 1 to 60 minutes □ 5 litre capacity tank As described. With 5 litre stainless steel tank and industrial plastic housing, sonification on/off switch and separate digital adjustment and display of integral heating, 20 to 80°C, and timer, 1 to 60 minutes. Frequency 40kHz. Overall 300 x 200 x 250mm W x D x H. Weight 4.5kg. For 230V 50Hz single phase supplies, 200W. Supplied with stainless steel basket, ABS lid and tank drain. UL080-10 Ultrasonic cleaner, 5 litres
T H E E N D

PRICES FOR NEW ITEMS Page 11 of 13 Pages

March 2012

17141 CH 2012			
CAT. NO.	PRICE £	Per	CODE
BR756-30	10.45	pack	AE
BS200-12	59.15	pack	SS
BS200-17	59.15	pack	SS
CX900-02	73.48	pack	LO
CX900-06	90.61	pack	LO
CX900-10	53.40	pack	LO
CX900-14	63.08	pack	LO
CX900-18	43.79	pack	LO
CX900-22	44.86	pack	LO
CX900-30	42.87	pack	LO
CX900-34	25.57	pack	LO
CX900-38	52.69	pack	LO
CX900-42	41.29	pack	LO
CX900-46	39.86	pack	LO
CX900-50	56.32	pack	LO
CX900-58	43.91	pack	LO
CX900-62	41.52	pack	LO
CX900-66	42.90	pack	LO
CX900-70	96.16	pack	LO
CX900-74	63.45	pack	LO
CX900-78	68.18	pack	LO
CX900-82	32.97	pack	LO
CX900-86	33.66	pack	LO
CX900-94	55.51	pack	LO
CX902-03	46.36	pack	LO
CX902-07	53.89	pack	LO
CX902-11	36.10	pack	LO
CX902-15	40.15	pack	LO
CX902-19	47.58	pack	LO
CX902-23	29.82	pack	LO
CX902-27	49.00	pack	LO
CX902-31	45.65	pack	LO
CX902-35	29.30	pack	LO
CX902-39	30.06	pack	LO
CX902-43	46.11	pack	LO
CX902-47	40.74	pack	LO
CX902-51	58.28	pack	LO
CX902-55	55.47	pack	LO
CX902-59	32.49	pack	LO
CX902-63	38.51	pack	LO

	Page 12 of 13 Pa	ges	
CX902-67	25.36	pack	LO
CX902-71	47.17	pack	LO
CX902-75	69.90	pack	LO
CX902-79	62.24	pack	LO
CX902-83	33.55	pack	LO
CX902-87	59.85	pack	LO
CX902-95	50.80	pack	LO
CX904-05	42.36	pack	LO
CX904-09	38.73	pack	LO
CX904-13	40.33	pack	LO
CX904-17	35.81	pack	LO
CX904-21	56.22	pack	LO
CX904-25	54.42	pack	LO
CX904-29	52.69	pack	LO
CX904-41	56.11	pack	LO
CX904-45	42.38	pack	LO
CX904-49	33.10	pack	LO
CX904-53	44.50	pack	LO
CX904-57	44.76	pack	LO
CX904-61	36.94	pack	LO
CX904-65	29.46	pack	LO
CX904-69	29.51	pack	LO
CX904-73	38.03	pack	LO
CX904-77	39.72	pack	LO
CX904-81	32.13	pack	LO
CX904-85	36.23	pack	LO
CX904-89	60.02	pack	LO
CX904-93	38.85	pack	LO
CX904-97	44.08	pack	LO
CX904-99	56.03	pack	LO
MJ325-10	1245.00	each	ВО
MJ325-20	3625.00	each	ВО
MJ325-30	1455.00	each	ВО
MJ325-40	6180.00	each	ВО
MJ327-10	1290.00	each	ВО
MJ327-20	3670.00	each	ВО
MJ327-30	1500.00	each	ВО
MJ327-40	6225.00	each	ВО
MJ329-02	89.00	each	ВО
MJ329-04	180.00	each	ВО
MJ329-08	7.00	each	ВО
MJ329-12	7.00	each	ВО

M1220 17	Page 13 of 13 Page		- To
MJ329-16	7.00	each	B(
MJ329-19	7.00	each	В
MJ329-24	89.00	each	В
MJ329-28	79.00	each	В
MJ329-32	19.00	each	В
MJ329-36	19.00	each	В
MJ329-42	19.00	each	В
MJ329-50	33.00	each	В
MJ340-10	1450.00	each	В
MJ340-20	1870.00	each	B
MJ340-30	1625.00	each	B
MJ340-40	2045.00	each	В
MJ340-50	1765.00	each	В
MJ340-60	1935.00	each	В
MJ345-15	2955.00	each	В
MJ347-04	99.00	each	В
MJ347-08	17.00	each	В
MJ347-12	11.00	each	В
MJ347-16	11.00	each	В
MJ347-20	35.00	each	В
MJ347-22	68.00	each	В
MJ347-24	55.00	each	В
MJ347-26	50.00	each	В
MJ347-45	55.00	each	В
MJ347-55	57.00	each	В
MJ347-65	58.00	each	В
MJ347-72	40.00	each	В
MJ347-76	40.00	each	В
SB896-45	125.00	each	E
SB896-55	140.00	each	E
SB896-65	170.00	each	E
SB897-37	200.00	each	E
SB897-47	235.00	each	E
SB897-57	285.00	each	E
UL080-10	299.00	each	В
700	H E E		