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 1 — January 2012

		Page 1 of 1	16 pages	
Amo	endment			
AM	ENDMENTS			
BA	104-13 is now 581	ml capacity	BA105-11 is now 29ml capaci	itv
	04-15 is now 118	• •	BA105-13 is now 58ml capaci	•
	04-16 is now 207		BA105-15 is now 118ml capa	•
	04-17 is now 532		BA105-17 is now 532ml capa	•
BA	04-19 is now 710	Oml capacity	BA105-19 is now 710ml capa	•
BA	04-21 is now 710	Oml capacity	•	•
BA	04-23 is now 798	8ml capacity	BA107-15 is now 118ml capa	city
BA	04-25 is now 100	65ml capacity	BA107-17 is now 532ml capa	
BA	04-27 is now 12-	42ml capacity	BA107-19 is now 710ml capa	city
NE	W ITEMS			
Add	litional Whirl-Pa	ık [®] bags.		
BA		with writing pane	el, 180 x 95mm, pk.500	
BA	05-31 2721ml,	with writing pan	nel, 380 x 254mm, pk.250	
BA	05-33 3637ml,	with writing pan	nel, 508 x 254mm, pk.250	
BA	06-15 118ml, v	with writing pane	el and flat wire band, 185 x 75mm	ı, pk.500
BA	107-25 1065ml,	with writing pan	iel, self-standing, 380 x 125mm, p	ok.250
BA1	07-27 1242ml,	with writing pan	iel, self-standing, 380 x 150mm, p	ok.250
BA	107-29 2041ml,	with writing pan	nel, self-standing, 380 x 190mm, p	ok.250
Wir	e racks, Whirl-P	[®] , Nasco		
For	convenient stora	ige or transport o	of samples within Whirl-Pak bags	s. Dimensions
shov	<mark>wn are number</mark> o	of apertures x din	nensions and to hold bags with ca	pacities as
indi	cated.			
BA	10-10 21 x (40	x 50mm), up to 2	207ml bags	
BA1	10-20 18 x (50	x 50mm), up to 2	207ml bags	
BA1	10-30 20 x (64	x 64mm), 532 to	1065ml bags	
BA1	`	x 114mm), 710 to	O	
BA	10-60 Carryin	g handle for BA1	110-racks	
Wh	irl-Pak [®] Scoop b	ags, Nasco		
			x 115mm, containing a sterile, p	olystyrene, 60ml
scoo	p. Supplied in a	pack of 50.	_	

BA115-10 Scoop bags

ISSUE 1 — January 2012 Page 2 of 16 pages

Biohazard Specimen bags, Nasco

Whirl-Pak® Trans-Pak® clinical specimen transport bags, non-sterile. Bag dimensions 230 x 150mm. With external document pouch 146 x 137mm and biohazard label. Accessory security tape is made of destructible material which cannot be removed in one piece and immediately tears if removal is attempted, indicating any tampering. Supplied in packs as indicated.

BA118-15 Biohazard specimen bags, pk.500

BA118-17 Security tape strips, pk.100

Soil Sample bags, Nasco

Used in sample submission for analytical assessment. Bleached paper with polyethylene liner and heat sealed base so that no sample sifting occurs. Capacity 769ml. With attached, folding tin strap tie. Supplied in a pack of 500.

BA120-25 Soil sample bags

CANCELLATIONS

BD160-02 Cancelled, offer BD160-05 BD166-10 Cancelled, offer BD166-11

NEW ITEM

SartoCollect data transfer software YSC02. Provides data transfer and integration into Microsoft® Excel, Word, Access or an ASCII file. Compatible with Windows 2000, XP, Vista and 7 operating systems.

BD166-11 YSC02

CANCELLATION

BH108-14 Cancelled, offer BH105-14

AMENDMENT

BH125-15 and -40 are now accessories for BH105 and BH120 series only

All other details remain unchanged.

CANCELLATION

BN240-08 Cancelled, no replacement

ISSUE 1 — January 2012 Page 3 of 16 pages

AMENDMENT BS830-50 is PVC, not polyethylene as stated in the catalogue. All other details remain unchanged.
CANCELLATIONS CK324-15 Cancelled, no replacement CK324-50 Cancelled, no replacement
CANCELLATION CL867-07 Cancelled, offer CL867-06 AMENDMENT CL867-06 is now for use with both CL865-20 and CL865-40 disinfectant gels. All other details remain unchanged.
CANCELLATION CX252-39 Cancelled, offer CX252-42 AMENDMENT CX252-42 is now the lid for both CX250-31 and CX250-38 All other details remain unchanged.
CANCELLATION DG100-10 Cancelled, offer DG100-05 NEW ITEM Dialysis Tubing, Visking Generally as DG100-10 but now supplied in a reel of 15 metres. DG100-05 6 x 10mm, reel of 15m

ISSUE 1 — January 2012 Page 4 of 16 pages

	CANCELLATION
	DS605-10 Cancelled, offer DS605-15
	NEW ITEM
	Seeker
	Generally as previous DS605-10 but with plastic handle.
	DS605-15 Plastic
========	AMENDMENT
	AWENDWENT
	EL274-20 is no longer supplied with cooling gel pack.
	All other details remain unchanged.
=========	
	CANCELLATION
	FC184-19 Cancelled, offer FC200-30
========	=======================================
	CANCELLATIONS
	FZ530-10 Cancelled, no replacement
	FZ530-20 Cancelled, no replacement
	FZ530-30 Cancelled, no replacement
	FZ530-40 Cancelled, no replacement FZ530-50 Cancelled, no replacement
	FZ530-60 Cancelled, no replacement
	FZ533-10 Cancelled, no replacement
	FZ533-30 Cancelled, no replacement
	FZ534-10 Cancelled, no replacement
	FZ534-20 Cancelled, no replacement
	FZ534-30 Cancelled, no replacement
	FZ534-40 Cancelled, no replacement
	FZ534-50 Cancelled, no replacement FZ534-60 Cancelled, no replacement
	FZ537-10 Cancelled, no replacement
	FZ537-10 Cancelled, no replacement FZ537-20 Cancelled, no replacement
	FZ537-30 Cancelled, no replacement
	FZ537-40 Cancelled, no replacement
	FZ537-50 Cancelled, no replacement
	FZ537-60 Cancelled, no replacement

CANCELLATION

GM218-10 Cancelled, offer GM222-10

NEW ITEMS

Glass Cutting Knife

With plastic handle and replaceable, 40mm, tungsten-carbide blade.

GM222-10 Blade length 40mm

GM222-14 Spare blade

CANCELLATIONS

HE476-70 Cancelled, special order only HE476-72 Cancelled, special order only

NEW ITEMS

Whirl-Pak® Sponge Probe, Nasco

Designed for surface sampling in difficult-to-reach areas. The sponge is adhered to a holder joint that is screwed onto a 160mm handle and ethylene oxide sterilised within a Whirl-Pak[®] 710ml bag with writing panel. In use a buffer is added to the bag and the excess is squeezed from the sponge which is then wiped over the test surface. The sponge is then replaced in the bag, the head is held through the bag walls and the handle unscrewed and discarded. The bag is then closed and the sponge sent for analysis. Supplied in a pack of 100.

HT850-15 Whirl-Pak® Sponge probes, pk.100

Poultry Rinse bags, Nasco

For testing E.coli presence in poultry meat. The sealed, sterile bag, 375×500 mm W x D, has a perforation for easy opening and will accommodate small turkeys, chickens, and similar sized poultry. In use, the carcass is placed in the bag, buffer is added, and the bag is then twisted shut and folded around the bird. The bird is then rotated several times to rinse the carcass thoroughly, then the buffer liquid is removed for testing. Supplied in a pack of 250 bags.

HT880-10 Poultry rinse bags

ISSUE 1 — January 2012 Page 6 of 16 pages

	ML890-06 Sir	L890-series, but igle holder, pk.10 uble holder, pk.1		k sizes.	
======		CONS celled, offer MNo			
	NEW ITEMS Whirl-Pak® Blo Addition to cur	ender Bags rent MS865-ran	======= ge.	=======================================	
		Size, mm	Capacity, ml	Writing panel	Pack
	MS865-05 MS865-70 *With round be	150 x 230 185 x 330* ottom seal for use	710 1538 e with circulating b	No Yes olenders.	500 500
======		ONS celled, offer MV celled, offer MV			

ISSUE 1 — January 2012 Page 7 of 16 pages

CANCELLATIONS

RG200-19 Cancelled, offer RG200-16 RG200-42 Cancelled, offer RG200-44 RG200-66 Cancelled, offer RG200-67 RG200-87 Cancelled, offer RG200-85 RG205-33 Cancelled, offer RG205-32

NEW ITEMS

Laboratory Refrigerators

Designed for the safe storage of chemicals, volatile liquids and specimens. Maintain internal air temperature between $+2^{\circ}$ C and $+10^{\circ}$ C.

_	A 4	4 •	1 6	4
	Autom	atic	detro	St

- □ Integral door lock and 2 keys
- ☐ Digital controller with LED temperature readout to 0.1oC
- **□** Refrigerants:
 - R134a (RG200-16, -36 and -85 only)
 - R600a (RG200-44 and -67 only)
- □ "Spark-free" interior
- **□** Adjustable shelf levels
- ☐ Audible and visual high and low temperature alarms
- **□** Anti-microbial door handle

As described. With "spark-free" interior, automatic defrost and door lock. The thermostat is adjustable to maintain internal air temperature between $+2^{\circ}$ C and $+10^{\circ}$ C. All models are supplied with wire shelves and drawers as indicated. For 230V 50Hz single phase supplies.

	Model	Gross litres	cap. H x W x D mm	Shelves/drawers supplied
RG200-16	LR207C	82	660 x 502 x 540	2/1
RG200-36	LR307C	107	830 x 495 x 620	2/1
RG200-44	LSR151	151	845 X 558 X 600	3/1
RG200-67	LSR288	288	1570 x 595 x 634	5/1
RG200-85	LR1607C	475	1688 x 695 x 910	5/0

ISSUE 1 — January 2012 Page 8 of 16 pages

Laboratory Refrigerators/Freezers

Combined refrigerators/freezers for storage of temperature sensitive samples, volatile liquids, chemicals and poisons.

□ Refrigerator range: $+2^{\circ}$ C to $+10^{\circ}$ C

Freezer ranges: -6° C to -9° C (RG205-20)

-18°C to -20°C (RG205-32, -47, -52)

- **□** "Spark-free" interiors
- ☐ Integral door lock and 2 keys
- **□** Digital controller with LED temperature readout
- □ Audible and visual high and low temperature alarms
- **□** Adjustable self levels (refrigerator only)
- **☐** Anti-microbial door handle
- **□** Refrigerants:
 - R134a (RG205-20 only)
 - R600a (RG205-32, -47 and -52)

Laboratory Refrigerators/Freezers

As described. With "spark-free" interior, door lock and wire shelves and drawers as indicated. For 230V 50Hz single phase supplies.

	Model	Gross cap. litres		H x W x D mm	Shelves/ drawers
		refrigerator	freezer		supplied
RG205-20	ISR27C	77	6.5	660 x 502 x 540	2/0
RG205-32	LSC119	106	13	860 x 540 x 600	2/1
RG205-47	LSC263	159	104	1680 x 540 x 600	3/2*
RG205-52	LSC324	162	162	1870 x 600 x 600	3/2*

^{*}RG205-47 and RG205-52 are supplied with half-width drawers and 3 and 4 freezer drawers, respectively.

CANCELLATIONS

RG230-18 Cancelled, offer RG230-14

RG230-23 Cancelled, offer RG230-22

RG230-34 Cancelled, offer RG230-33

RG230-44 Cancelled, offer RG230-43

RG230-51 Cancelled, offer RG230-56

RG230-59 Cancelled, offer RG230-58

RG230-63 Cancelled, offer RG230-61

RG230-72 Cancelled, offer RG230-71

RG230-84 Cancelled, offer RG230-83

RG230-96 Cancelled, offer RG230-94

ISSUE 1 — January 2012 Page 9 of 16 pages

NEW ITEMS

Pharmacy Refrigerators

Specifically designed for the storage of vaccines, insulin, temperature-sensitive samples and pharmaceuticals. Maintain internal air temperature between +2°C to +8°C.

- ☐ External digital temperature display with max./min. memory
- ☐ Forced air cooling for temperature stability and rapid temperature recovery after door opening
- ☐ Audio-visual alarm signal if temperature exceeds operating range. 107 litre and above models also incorporate a remote, auxiliary alarm output providing a mains failure alarm signal
- ☐ Integral door lock with 2 keys and open door alarm (except 41 and 45 litre models)
- **□** Automatic defrost
- □ Refrigerant: R134a (RG230-14, -16, -22, -26, -58, -61 and -64)
 - R600a (RG230-33, -43, -56, -71, -83, -86 and -94)
- **□** Adjustable shelf levels
- **□** Built-in illumination and glass door models available
- **☐** Anti-microbial door handle

As described. With solid or glass door, door lock, adjustable wire shelves and wire base basket as indicated. For 230V 50Hz single phase supplies.

	Model	Gross cap. litres	H x W x D mm	Shelves/ baskets supplied	Internal light
Solid door	<u>models</u>				
RG230-14	PE102C	41	702 x 379 x 500	2/0	No
RG230-16	PE109C	45	530 x 470 x 465	1/1	No
RG230-22	PE207C	82	660 x 502 x 450	2/1	No
RG230-26	PE307C	107	830 x 495 x 620	2/1	No
RG230-33	PSR151	151	845 x 595 x 635	3/1	No
RG230-43	PSR273	273	1565 x 595 x 670	5/1	Yes
RG230-56	PSR334	334	1860 x 595 x 670	6/1	Yes
RG230-58	PE1607C	444	1688 x 685 x 910	5/0	No
Glass door	<u>models</u>				
RG230-61	PG102C	41	702 x 379 x 500	2/0	No
RG230-64	PG207C	82	660 x 502 x 450	2/1	Yes
RG230-71	PGR151	151	845 x 595 x 635	3/1	Yes
RG230-83	PGR273	273	1565 x 595 x 670	5/1	Yes
RG230-86	PGR334	334	1860 x 595 x 670	6/1	Yes
RG230-94	PG1607C	444	1688 x 685 x 910	5/0	Yes

NEW ITEM

Overboots

Disposable, heavy duty polyethylene. With ankle ties. Will fit up to UK size 11 (EU size 46). Supplied in a pack of 50.

SA330-60 Overboots

NEW ITEMS

Gloves, polyethylene

SA350-25 Large, sterile, individually wrapped, pk.100 pairs

Sleeves

Disposable polyethylene, shoulder length gloves, size large. Supplied in a pack of 100.

SA360-10 Shoulder length gloves

NEW ITEMS

Swing Sampler, Nasco

Designed for sampling from a horizontal flowing stream. With 1.83m (6 foot) to 3.66m (12 foot) extending fibreglass pole with swing-hinged head and 960ml polyethylene bottle which is held firmly to the head with a snapper ring. The bottle is also supplied with a polyurethane lined cap for leakproof sample storage.

SD084-05 Swing sampler

Tank Sampler, Nasco

For liquid sampling at specific depths from tanks and vats. Comprises two 1.53m (5 foot) sections of 1.9cm ($^3/_4$ inch) dia. plastic pipe that screw together and are marked at 0.3m (1 foot) increments. A valve at one end can be opened after lowering by pulling an internal stainless steel wire which is held whilst liquid flows in and released to shut the valve. The wire is pulled again or the bottom valve "tapped" to release the sample into a suitable container. The sampler holds approximately 89ml per 0.3m length and can be lengthened using an accessory 1.5m extension section.

SD084-10 Tank sampler, 3.05m

SD084-12 Accessory extension section, 1.5m

ISSUE 1 — January 2012 Page 11 of 16 pages

Grease Trap Sampler, Nasco

For measuring the grease level in a holding tank. Comprises two 1.22m (4 foot) transparent plastic tube sections that screw together and are 3.5cm in diameter to allow small food particles to pass easily through the valve opening at one end. The sections are marked at 0.3m (1 foot) intervals. The valve automatically opens when immersed and closes when the sample is removed. It can be re-opened by touching the valve top on a hard surface. Note: not suitable for solid or semi-solid materials.

SD084-33 Grease trap sampler

SD084-36 Cleaning brush for grease trap sampler

Coliwasa Multi-phase Liquid Sampler, Nasco

Enables representative sampling of multi-phase liquid wastes, operating within a wide range of viscous, corrosive, high volatiles or solids content liquids, except those containing ketones, nitrobenzene, dimethylformamide, mesityl oxide or tetrahydrofuran. Comprises a 1.53m (5 foot) x 1.9cm ($^3/_4$ inch) i.d. tube, with valve at the base which is controlled by an internal rod. In use, the rod is pressed to close the valve, the tube is then immersed to the desired depth, then the valve opened by pulling the rod back 5 to 8cm. The rod is then pushed to close the valve and the sample removed.

SD084-44 Coliwasa multi-phase sampler

Sampling Line, Nasco

For use with Whirl-Pak® bags up to 2041ml capacity. Weighted urethane bag holder with strong clamp to secure the bag and 7.62m (25ft) nylon rope to enable sampling from liquid sources at deep levels. Supplied with carrying case and retaining clamps for different size bags. Weight 1.58kg.

SD084-55 Sampling line

Fuel Sampler, Nasco

For sampling ethanol and ethanol-blended fuels within petroleum tankers or fuel station forecourt tanks. Made up of three 1.53m (5 foot) clear PVC sections that screw together with a float valve at the base which opens on immersion and closes on withdrawal. Once the base of the tank has been reached, the sample can be withdrawn giving a core section of the fuel and any water layers present. The sampler is emptied by touching the valve tip against the tank side.

SD084-65 Fuel sampler

ISSUE 1 — January 2012 Page 12 of 16 pages

NEW ITEMS

Additional accessories for Sludge Judge®

SD094-30 Cleaning rod, aluminium, to remove deposits.

With slit to hold cleaning strips SD094-32

SD094-32 Cotton cleaning strips for SD094-30, 50 x 300mm, pack of 50

Sludge Judge II[®], Nasco

Generally as SD090-25 but with larger capacity. With 3.18cm $(1^{1}/_{4})$ inch diameter tubing, holding approximately 178ml (6oz) of liquid between the 0.30m (1ft) marks.

Sludge Judge II® SD095-15

SD096-12 Accessory centre section, 1.53m (5ft) SD096-17 Spare top section with rope, 1.53m (5ft)

Spare bottom section with valve SD096-22

Sludge Judge[®] Ultra, Nasco

Generally as SD090-25 but constructed in a strong polycarbonate treated with UV stabiliser to reduce deterioration from exposure to the sun. Very rigid, with minimal flexing when filled and temperature resistant up to 138°C.

Sludge Judge® Ultra SD097-20

Accessory centre section, 1.53m (5ft) SD098-16 Spare top section with rope, 1.53m (5ft) SD098-18

SD098-21 Spare bottom section with valve

Dry Depth Sampler, Nasco

Ideal for collecting dry, granular, free-flowing materials such as grain, corn or small pellets, at a specific depth. The sample head is screwed onto a 1.83m (6ft) to 3.05m (10ft) extendible aluminium pole. In use, the sampler is pushed down into the material to the depth required and the material flows through the head. When the head is withdrawn, an end flap shuts and the sample at that depth is retained.

SD099-10 Dry depth sampler

NEW ITEM

Scoops, polystyrene, sterile

60ml capacity. One-piece moulded, with no seams or folds to retain sample. 200mm long. Individually wrapped within a pack of 100.

SH207-30 Scoops, sterile, 60ml pk.100

ISSUE 1 — January 2012 Page 13 of 16 pages

NEW ITEMS

Spatulas, sterile, disposable

Polystyrene. Spoon one end, 14ml capacity. Individually bagged in an outer pack of 200.

SH420-10 178mm long, pk.200

Spoons and Sporks, Nasco

Disposable, sterile, white polystyrene. Supplied in sleeves of 20 within a pack of 100.

SH425-25 Spoons, pk.100 SH425-40 Sporks, pk.100

CANCELLATIONS

TP466-22 Cancelled, offer RG416-90

TP466-38 Cancelled, no replacement

TP466-42 Cancelled, offer RG416-95

NEW ITEM

Settleometer Kit, Nasco

For the evaluation of sludge quality and settlement. Comprises a 1.4 litre acrylic measuring cylinder, dual scale graduated in % and settled sludge volume (SSV) and supplied with a mixing paddle, snap-on lid and instructions. Overall H x dia. 216 x 114mm. Weight 0.6kg.

WR170-05 Settleometer kit

ISSUE 1 — January 2012 Page 14 of 16 pages

NEW ITEMS

Thio-Bags[®], Nasco

Generally as WR290-series but non self-standing.

WR290-02 Thio-Bags[®], 100ml, pk.100 WR290-11 Thio-Bags[®], 300ml, pk.100

WR290-95 Mailing tube for 100ml Thio-Bags®, rigid polyethylene, for multiple re-use

Racks for Thio-Bags®

Dimensions shown are number of apertures x dimensions of apertures.

BA110-10 21 x (40 x 50mm), for WR290-02 and -07 BA110-20 18 x (50 x 50mm), for WR290-02 and -07 BA110-30 20 x (64 x 64mm), for WR290-11 and -12

T H E E N D

PRICES FOR NEW ITEMS Page 15 of 16 Pages

January 2012

Junuary 2012			
CAT. NO.	PRICE £	Per	CODE
BA105-16	54.50	pack	AW
BA105-31	120.00	pack	AW
BA105-33	140.00	pack	AW
BA106-15	39.65	pack	AW
BA107-25	80.00	pack	AW
BA107-27	90.00	pack	AW
BA107-29	110.00	pack	AW
BA110-10	23.00	each	AW
BA110-20	30.00	each	AW
BA110-30	30.00	each	AW
BA110-40	33.00	each	AW
BA110-60	17.00	each	AW
BA115-10	79.90	pack	AW
BA118-15	93.00	pack	AW
BA118-17	12.50	pack	AW
BA120-25	119.00	pack	AW
BD166-11	436.00	each	FO
DG100-05	89.25	each	AO
DS605-15	1.00	each	RO
	0.43	each per 10	
GM222-10	39.00	each	AO
GM222-14	22.30	each	AO
HT850-15	99.00	pack	AW
HT880-10	52.00	pack	AW
ML890-06	29.90	pack	AO
ML890-11	32.20	pack	AO
MS865-05	150.00	pack	AW
MS865-70	220.00	pack	AW
RG200-16	468.00	each	PO
RG200-36	540.00	each	PO
RG200-44	475.00	each	PO
RG200-67	675.00	each	PO
RG200-85	2848.00	each	PO
RG205-20	468.00	each	PO
RG205-32	375.00	each	PO
RG205-47	725.00	each	PO
RG205-52	1050.00	each	PO
RG230-14	585.00	each	PO
RG230-16	441.00	each	PO
RG230-22	754.00	each	PO

RG230-26	980.00	each	PO
RG230-33	895.00	each	PO
RG230-43	1195.00	each	PO
RG230-56	1795.00	each	PO
RG230-58	2975.00	each	PO
RG230-61	695.00	each	PO
RG230-64	999.00	each	PO
RG230-71	1195.00	each	PO
RG230-83	1595.00	each	PO
RG230-86	2195.00	each	PO
RG230-94	3229.00	each	PO
SA330-60	12.50	pack	AW
SA350-25	75.00	pack	AW
SA360-10	10.00	pack	AW
SD084-05	99.00	each	EO
SD084-10	80.00	each	EO
SD084-12	26.00	each	EO
SD084-33	120.00	each	EO
SD084-36	14.00	each	EO
SD084-44	40.00	each	EO
SD084-55	85.00	each	EO
SD084-65	90.00	each	EO
SD094-30	25.00	each	EO
SD094-32	10.00	pack	EO
SD095-15	110.00	each	EO
SD096-12	40.00	each	EO
SD096-17	28.00	each	EO
SD096-22	45.00	each	EO
SD097-20	99.00	each	EO
SD098-16	33.00	each	EO
SD098-18	34.00	each	EO
SD098-21	47.00	each	EO
SD099-10	95.00	each	EO
SH207-30	115.00	pack	AW
SH420-10	175.00	pack	AW
SH425-25	12.00	pack	AW
SH425-40	9.00	pack	AW
WR170-05	60.00	each	AW
WR290-02	17.50	pack	AW
WR290-11	71.00	pack	AW
WR290-95	4.00	each	AW