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**ELECTRONIC CATALOGUE**  
**CUSTOMER'S AMENDMENTS**  
**ISSUE 8 — August 2011**  
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	<i>Amendment</i>
	<p><b>NEW ITEM</b></p> <p><b><u>Adapters, Luer</u></b>  <b>For low pressure applications. Straight pattern. Non-sterile. White nylon. With male luer and 6mm o.d. ferrule. Pack of 100.</b></p> <p><b>AD095-09     Adapters</b></p>
	<p><b>AMENDMENTS</b></p> <p><b>AU630-10 now has a tape width of 18mm not 19mm as stated in the catalogue.</b>  <b>AU630-12 now has a tape width of 24mm not 25mm as stated in the catalogue.</b></p> <p><b>All other details remain unchanged.</b></p>
	<p><b>AMENDMENT</b></p> <p><b>BD237-40 has the reference AD-8121B not AD8121 as stated in the catalogue.</b></p> <p><b>All other details remain unchanged.</b></p>
	<p><b>CANCELLATION</b></p> <p><b>BR400-31 Cancelled, offer BR400-33</b></p>
	<p><b>AMENDMENTS</b></p> <p><b>BS200-05 now has the reference 128A/FS not 128A as stated in the catalogue.</b>  <b>BS200-10 now has the reference 128B/FS not 128B as stated in the catalogue.</b>  <b>BS200-15 now has the reference 128C/FS not 128C as stated in the catalogue.</b>  <b>BS200-30 now has the reference 128SA/FS not 128SA as stated in the catalogue.</b>  <b>BS200-35 now has the reference 128SB/FS not 128SB as stated in the catalogue.</b>  <b>BS200-40 now has the reference 128SC/FS not 128SC as stated in the catalogue.</b>  <b>BS200-45 now has the reference 128B-BAC/FS not 128B-BAC as stated in the catalogue.</b></p> <p><b>All other details remain unchanged.</b></p>

**CANCELLATIONS**

**CL400-12 Cancelled, offer CL160-15**  
**CL400-14 Cancelled, offer CL160-15**  
**CL400-19 Cancelled, no replacement**  
**CL400-27 Cancelled, no replacement**  
**CL400-29 Cancelled, no replacement**  
**CL400-32 Cancelled, offer CL550-15**  
**CL400-34 Cancelled, offer CL550-15**

**CL450-12 Cancelled, no replacement**  
**CL450-32 Cancelled, no replacement**  
**CL450-42 Cancelled, no replacement**  
**CL450-52 Cancelled, no replacement**

**CL454-12 Cancelled, no replacement**  
**CL454-32 Cancelled, no replacement**

**CL455-27 Cancelled, no replacement**  
**CL455-29 Cancelled, no replacement**  
**CL457-26 Cancelled, no replacement**

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**CANCELLATIONS**

**CL920-06 Cancelled, no replacement**  
**CL920-07 Cancelled, no replacement**  
**CL920-09 Cancelled, no replacement**  
**CL920-10 Cancelled, no replacement**  
**CL920-40 Cancelled, no replacement**  
**CL920-45 Cancelled, no replacement**  
**CL920-55 Cancelled, no replacement**  
**CL920-57 Cancelled, no replacement**

**CL924-03 Cancelled, no replacement**  
**CL924-06 Cancelled, no replacement**  
**CL924-09 Cancelled, no replacement**  
**CL924-13 Cancelled, no replacement**  
**CL924-16 Cancelled, no replacement**  
**CL924-19 Cancelled, no replacement**

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**CANCELLATION**

**CR315-60 Cancelled, offer CR315-70**

**CANCELLATIONS**

DE260-15 Cancelled, offer DE200-17  
DE260-20 Cancelled, offer DE200-22

DE262-15 Cancelled, special order only  
DE262-20 Cancelled, special order only

DE265-15 Cancelled, offer DE202-17  
DE265-20 Cancelled, offer DE202-22

DE267-15 Cancelled, special order only  
DE267-20 Cancelled, special order only

DE268-10 Cancelled, no replacement

**AMENDMENTS**

**Desiccators, Duran Glass**

Borosilicate glass to DIN12491.

**Knob Lid**

Ground flange. Without disc. Dimensions as indicated.

	Flange i.d. mm	Approximate volume litres
DE200-12	119	0.7
DE200-17	172	2.4
DE200-22	224	5.8
DE200-27	274	10.5

**Vacuum**

With 24/29 stopcock and ground flange. Without disc.

	Flange i.d. mm	Approximate volume litres
DE202-12	119	0.7
DE202-17	172	2.4
DE202-22	224	5.8
DE202-27	274	10.5

**Desiccator Discs**

	Diameter, mm	To fit desiccator flange i.d. mm
<b><u>Perforated Metal</u></b>		
DE220-10	90	119
DE220-15	140	172
DE220-20	190	224
DE220-24	235	274

**Perforated Porcelain**

DE225-10	90	119
DE225-15	140	172
DE225-20	190	224
DE225-24	235	274

**NEW ITEMS**

**Dewar Flasks, Shallow form, KGW-Isotherm**

To DIN12492. Silvered borosilicate glass with textured aluminium housing and plastic rim and base protection. Antimagnetic materials allow use with a magnetic stirrer. Will also accept round bottom flasks of diameters as indicated.

	Int. dia. x depth, mm	Cap. litres	For flask dia. mm
DE740-20	100 x 65	0.26	85
DE740-30	110 x 70	0.40	85
DE740-40	138 x 80	0.80	105
DE740-50	170 x 110	1.60	131

**Dewar Flasks, Tall form, KGW-Isotherm**

To DIN12492. Silvered, borosilicate glass with blue powder-coated aluminium housing and plastic rim protection. Antimagnetic materials allow use with a magnetic stirrer.

	Int. dia. x depth, mm	Ext dia. mm	Cap. litres
DE744-10	40 x 170	63	0.2
DE744-25	57 x 210	81	0.5
DE744-35	67 x 350	90	1.2
DE744-45	77 x 345	105	1.5
DE744-55	100 x 290	130	2.0

**Dewar Flasks, Spherical, KGW-Isotherm**

To DIN12492. Silvered borosilicate glass, spherical vessel for the storage and transport of liquid nitrogen. With rugged, aluminium housing, carrying handle and narrow neck with drop on, insulating lid.

	Cap. litres	Neck dia. mm	Ext. dia. mm
DE746-16	1.0	30	175
DE746-22	3.0	60	225
DE746-27	5.0	60	260
DE746-34	10.0	65	330

**CANCELLATION**

DY110-20 Cancelled, offer DY110-27

**AMENDMENT**

IN085-75 should be the model Challenger MX25 not Challenger MX as stated in the catalogue.

All other details remain unchanged.

**CANCELLATION**

ML375-14 Cancelled, offer ML375-10

**CANCELLATIONS**

ML515-10 Cancelled, special order only  
ML515-15 Cancelled, special order only  
ML515-20 Cancelled, special order only  
ML515-25 Cancelled, special order only

ML522-10 Cancelled, special order only  
ML522-15 Cancelled, special order only  
ML522-20 Cancelled, special order only  
ML522-25 Cancelled, special order only

ML525-12 Cancelled, special order only  
ML525-17 Cancelled, special order only  
ML525-22 Cancelled, special order only  
ML525-27 Cancelled, special order only  
ML525-32 Cancelled, special order only

ML525-37 Cancelled, special order only  
ML525-42 Cancelled, special order only  
ML525-47 Cancelled, special order only

ML529-12 Cancelled, special order only  
ML529-17 Cancelled, special order only  
ML529-37 Cancelled, special order only  
ML529-42 Cancelled, special order only

ML532-42 Cancelled, special order only  
ML532-47 Cancelled, special order only

ML534-13 Cancelled, special order only  
ML534-18 Cancelled, special order only  
ML534-23 Cancelled, special order only  
ML534-28 Cancelled, special order only

ML536-18 Cancelled, special order only  
ML536-23 Cancelled, special order only  
ML536-28 Cancelled, special order only

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**AMENDMENT**

All Brand standard microplates, MN342/MN343/MN344 series are now re-named pureGrade™.

All other details are unchanged.

**NEW ITEMS**

**96-Well strip Microplates, pureGrade™, Brand**

Non-sterile, transparent, flat bottom, 360µl well microplates with individually removable strips of 8 wells, allowing small-scale or part use and re-use of remaining well strips. Pack of 100 (4 x 25 plates).

MN342-80      360µl well Microplates

**96-Well strip Microplates with grid, pureGrade™, Brand**

Similar to MN342-80 but with 350µl frame grid that allows individual wells to be broken from strips and re-inserted into the plate frame. Pack of 100 (4 x 25 plates).

MN342-85      350µl well Microplates

**NEW ITEMS**

**96-Well strip Microplates, immunoGrade™, Brand**

Non-sterile, with surface treatment for immobilisation of IgG. Transparent, flat bottom, 360µl well microplates with individually removable strips of 8 wells allowing small-scale or part use and re-use of remaining strips. Pack of 100 (4 x 25 plates).

MN347-85     360µl well Microplates

**96-Well strip Microplates with grid, immunoGrade™, Brand**

Similar to MN347-85 but with 350µl wells and frame grid that allows individual wells to be broken from strips and re-inserted into the plate frame. Pack of 100 (4 x 25 plates).

MN347-90     350µl well Microplates

**NEW ITEMS**

**Disposable Pipette Tips, Ultra Low Retention**

Standard and filter tips for Transferpette® pipettors (tips are also compatible with most alternative makes of pipettor - details on request), plasma-treated to provide an ultra-hydrophobic surface over 3 times more liquid repellent than untreated polypropylene. This significantly reduces sample loss and increases reproducibility when working with critical media.

- Physico-chemical treatment produces an homogeneous, defect-free surface with no siliconisation
- No leaching additives; DiHEMA- and oleamide-free
- Highly transparent polypropylene
- Manufactured in cleanroom conditions (ISO 14 644-1 Class 8)
- BIO-CERT® versions available: β radiation sterilised, DNA-, RNase-, and ATP-free with endotoxin concentration < 1 x 10<sup>-12</sup>g/item

**Model Comparison Chart**

Surface/material	Surface tension mN/m
Brand ULR polypropylene	9
Untreated polypropylene	30
PTFE	19
Silicone	21.5
Water	72

**Packaging Options**

Ultra-low retention tips are available in a choice of packaging options.

**Tip-Box N, non-sterile**

Stackable box in autoclavable (at 121°C for 20 min.) polypropylene with rack of tips and push-on lid. Two heights are available: low-form for 96 x tips up to 300µl, tall-form for 100 x tips of 1000µl. Supplied in a pack of 5 boxes.

**Tip-Stack™, non-sterile**

Space-saving, environmentally compatible refill system comprising 10 stacked racks to fit Tip-Box N. Supplied with one Tip-Box N.

**Tip-Box N, sterile, BIO-CERT®**

Individually bagged, stackable, autoclavable (at 121°C for 20 min.) polypropylene boxes with rack of tips and push-on lid. Supplied in a pack of 10 boxes.

**Tip-Rack S, sterile, BIO-CERT®**

Individually wrapped, tip racks to refill autoclaved Tip-Box N. Supplied in a pack of 10 racks.

**Standard Ultra Low Retention Pipette Tips**

As described. For pipettor volumes and in packs as indicated.

PR184-04	0.1 to 20µl, Tip-Box N, 5 boxes x 96 tips
PR184-08	0.1 to 20µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR184-12	0.5 to 20µl, Tip-Box N, 5 boxes x 96 tips
PR184-16	0.5 to 20µl, Tip-Stack, 10 racks x 96 tips
PR184-19	0.5 to 20µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR184-24	2 to 200µl, Tip-Box N, 5 boxes x 96 tips
PR184-28	2 to 200µl, Tip-stack, 10 racks x 96 tips
PR184-32	2 to 200µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR184-36	5 to 300µl, Tip-Box N, 5 boxes x 96 tips
PR184-40	5 to 300µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR184-44	50 to 1000µl, Tip-Box N, 5 boxes x 100 tips
PR184-48	50 to 1000µl, Tip-Stack, 10 racks x 100 tips
PR184-52	50 to 1000µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 100 tips
PR184-56	50 to 1250µl, Tip-Box N, 5 boxes x 100 tips
PR184-60	50 to 1250µl, Tip-Box N, Sterile, BIO-CERT, 10 racks x 100 tips

**Filter Ultra Low Retention Pipette Tips**

Fitted with hydrophobic, inert filter. For pipettor volumes and in packs as indicated.

PR186-03	0.1 to 1µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR186-06	0.1 to 1µl, Tip-Rack S, sterile, BIO-CERT, 10 racks x 96 tips
PR186-09	0.5 to 10µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR186-12	0.5 to 10µl, Tip-Rack S, sterile, BIO-CERT, 10 racks x 96 tips
PR186-15	2 to 20µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR186-18	2 to 20µl, Tip-Rack S, sterile, BIO-CERT, 10 racks x 96 tips
PR186-21	5 to 100µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR186-24	5 to 100µl, Tip-Rack S, sterile, BIO-CERT, 10 racks x 96 tips
PR186-27	5 to 200µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 96 tips
PR186-30	5 to 200µl, Tip-Rack S, sterile, BIO-CERT, 10 racks x 96 tips
PR186-33	50 to 1000µl, Tip-Box N, sterile, BIO-CERT, 10 racks x 100 tips

**CANCELLATIONS**

RE340-25 Cancelled, offer RE440-30  
RE340-40 Cancelled, offer RE440-80

**AMENDMENTS**

RG210-70 now has a gross capacity of 390 litres, not 360 litres as stated in the catalogue, and is now supplied with 6 shelves not 4.

RG210-84 now has a gross capacity of 400 litres, not 430 litres as stated in the catalogue.

All other details remain unchanged.

**CANCELLATIONS**

SA997-20 Cancelled, no replacement  
 SA997-25 Cancelled, no replacement  
 SA997-60 Cancelled, no replacement

**CANCELLATIONS**

SB648-04 Cancelled, no replacement  
 SB648-05 Cancelled, no replacement  
 SB648-09 Cancelled, no replacement  
 SB648-10 Cancelled, no replacement

SB649-30 Cancelled, no replacement

SB650-10 Cancelled, no replacement  
 SB650-78 Cancelled, no replacement

SB705-04 Cancelled, no replacement  
 SB705-05 Cancelled, no replacement  
 SB705-09 Cancelled, no replacement  
 SB705-10 Cancelled, no replacement

**CANCELLATION**

SJ360-50 Cancelled, offer SJ372-55

**NEW ITEMS**

**Floating Foam Tube Racks**

Flexible, high density polyethylene in a choice of colours. Racks will float on water with a full load of filled tubes. Closed-cell foam resists water absorption and can be washed and reused multiple times. With detachable carry handle for easy removal of the rack from water baths etc. Supplied in packs of 5.

	Colour	Shape	Holes	Tube Size
SM593-05	Blue	Round	18	0.2/0.5/1.5/2.0ml
SM593-10	Yellow	Rectangle	24	1.5/2.0ml
SM593-15	Blue	Parallelogram	8	15ml
SM593-20	Green	Diamond	4	50ml

**NEW ITEMS**

**Storage Tubes/Vials with Screw caps, Elkay**

Polypropylene with moulded graduations and write-on surface. With screwcaps available in a choice of colours which have an internal sealing ring to prevent leakage. Round bottom with moulded-in, locking base which engages with an accessory rack. Dimensions are nominal height x diameter. Supplied in packs of 1000.

	Capacity, ml	Size, mm	Cap colour
TW250-10	2.0	47 x 13	Blue
TW250-15	2.5	54 x 13	Blue
TW250-20	3.5	76 x 13	Blue
TW250-25	2.0	47 x 13	White
TW250-30	2.5	54 x 13	White
TW250-35	3.5	76 x 13	White
TW250-40	2.0	47 x 13	Green
TW250-45	2.5	54 x 13	Green
TW250-50	3.5	76 x 13	Green
TW250-55	2.0	47 x 13	Red
TW250-60	2.5	54 x 13	Red
TW250-65	3.5	76 x 13	Red

**Accessories**

**Storage Rack, Elkay**

For use with TW250-series tubes. Holds up to 50 tubes. Each aperture includes a base profile which locks the tubes securely, allowing one-handed opening and closure. Supplied singly.

TW250-95 Storage Rack

**CANCELLATIONS**

WB610-12 Cancelled, offer WB610-14

WB610-22 Cancelled, offer WB610-24

WB610-32 Cancelled, offer WB610-34

**NEW ITEMS**

**Pipette/Burette Washers**

Generally as previous WB610-series, but with different diameters and heights, and for pipettes/burettes up to 600mm long.

	Item	Int. dia. mm	Ht. mm
WB610-14	Washer	165	740
WB610-24	Jar	165	650
WB610-34	Basket	130	650

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**PRICES FOR NEW ITEMS**

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CAT. NO.	PRICE £	Per	CODE
AD095-09	26.29	pack	FO
DE740-20	134.00	each	FO
DE740-30	160.00	each	FO
DE740-40	188.00	each	FO
DE740-50	270.00	each	FO
DE744-10	55.00	each	FO
DE744-25	78.00	each	FO
DE744-35	92.00	each	FO
DE744-45	113.00	each	FO
DE744-55	130.00	each	FO
DE746-16	203.00	each	FO
DE746-22	329.00	each	FO
DE746-27	387.00	each	FO
DE746-34	540.00	each	FO
MN342-80	356.00	pack	RO
MN342-85	499.00	pack	RO
MN347-85	356.00	pack	RO
MN347-90	499.00	pack	RO
PR184-04	41.95	pack	OG
PR184-08	91.75	pack	OG
PR184-12	39.20	pack	OG
PR184-16	44.50	pack	OG
PR184-19	85.45	pack	OG
PR184-24	37.45	pack	OG
PR184-28	39.70	pack	OG
PR184-32	78.70	pack	OG
PR184-36	37.45	pack	OG
PR184-40	78.70	pack	OG
PR184-44	38.35	pack	OG
PR184-48	43.70	pack	OG
PR184-52	88.00	pack	OG
PR184-56	49.85	pack	OG
PR184-60	103.95	pack	OG
PR186-03	116.60	pack	OG
PR186-06	110.80	pack	OG
PR186-09	109.00	pack	OG
PR186-12	103.60	pack	OG
PR186-15	93.90	pack	OG
PR186-18	89.15	pack	OG
PR186-21	96.35	pack	OG

<b>PR186-24</b>	<b>91.60</b>	<b>pack</b>	<b>OG</b>
<b>PR186-27</b>	<b>96.35</b>	<b>pack</b>	<b>OG</b>
<b>PR186-30</b>	<b>91.60</b>	<b>pack</b>	<b>OG</b>
<b>PR186-33</b>	<b>113.80</b>	<b>pack</b>	<b>OG</b>
<b>SM593-05</b>	<b>13.00</b>	<b>pack</b>	<b>RO</b>
<b>SM593-10</b>	<b>12.85</b>	<b>pack</b>	<b>RO</b>
<b>SM593-15</b>	<b>11.25</b>	<b>pack</b>	<b>RO</b>
<b>SM593-20</b>	<b>12.60</b>	<b>pack</b>	<b>RO</b>
<b>TW250-10</b>	<b>66.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-15</b>	<b>70.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-20</b>	<b>75.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-25</b>	<b>66.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-30</b>	<b>70.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-35</b>	<b>75.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-40</b>	<b>66.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-45</b>	<b>70.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-50</b>	<b>75.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-55</b>	<b>66.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-60</b>	<b>70.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-65</b>	<b>75.00</b>	<b>pack</b>	<b>FA</b>
<b>TW250-95</b>	<b>13.00</b>	<b>each</b>	<b>FA</b>
<b>WB610-14</b>	<b>110.00</b>	<b>each</b>	<b>AD</b>
<b>WB610-24</b>	<b>52.00</b>	<b>each</b>	<b>AD</b>
<b>WB610-34</b>	<b>23.00</b>	<b>each</b>	<b>AD</b>

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