



S MURRAY & CO



**SOMMERLAD CLEFT LIP AND PALATE
SURGERY SET CATALOGUE**

MANUFACTURING EXCELLENCE



TERMS AND CONDITIONS

S MURRAY & CO

1. DEFINITIONS

1. "The Company" - means S Murray & Co Limited.
2. "The Customer" - means the customer of the company.
3. "The Contract" - means any contract for the sale of goods by the company to the customer.
4. "The goods" - means goods of any description forming the subject matter of this contract including, parts, components and ingredients of any materials incorporated into the goods.

2. QUOTATIONS

Quotations by the company unless otherwise stated in terms or otherwise agreed by the company in writing shall be open for acceptance within 30 days of the date of the quotation.

3. EXISTENCE OF CONTRACT

1. No contracts shall come into existence until the customer's order (whether placed pursuant to a quotation or otherwise) is accepted by the earliest of:
 - (a) the company's written acceptance;
 - (b) delivery of the goods;
 - (c) delivery of the company's invoice.
2. These conditions shall be incorporated in the contract to the exclusion of any terms and/or conditions stipulated or referred to by the customer.
3. No variations or amendments of this contract or these terms and conditions shall be binding on the company unless confirmed by it in writing.
4. The customer hereby agrees that no reliance will be placed upon any written or oral statements or representation made by the company its servants or agents which is not enclosed or contained in the company's quotation or acknowledgement of order or which is not reduced into writing by the customer and acknowledged in writing by the company before the contract comes into existence in accordance with sub-paragraph 3.1 above.

4. PRICES

1. Prices are ex-works and exclude freight, insurance and delivery charges; and further exclude Value Added Tax and all other taxes or duties whatsoever.
2. The company shall have the right to increase its prices to the customer to account for any alteration in the cost of materials, parts, or labour or to account for any changes in work or delivery schedules or quantities, or to account for increases in the company's costs of any kind arising for any reason after the date of the contract.
3. The company shall not increase the price of any goods which are the subject matter of an invoice already delivered by the company to the customer.

5. PAYMENT

1. All invoices are payable without discount of any kind in pounds sterling on the last day of the month following the date on the company's invoices at the premises stated on the invoice as being the company's premises.
2. In no circumstances whatsoever shall the customer be entitled to make any deduction or claim any set-off or withhold payment on any invoice for any reason at all.
3. Time for payment shall be of the essence of the contract. The customer may be required to pay to the company interest on any overdue amount from the dates the payment was due to that on which it is made (whether before or after judgement) on a daily basis at the rate of 4% per annum over the base rate from time to time quoted by National Westminster Bank Plc and the customer shall reimburse to the company all costs and expenses (including legal costs) incurred in the collection of any overdue amount.

6. TITLE

1. Property in the goods shall remain with the company and shall not pass to the customer (notwithstanding the earlier passing of risk) until the price of the goods has become due and has been paid by the customer in full.
2. Until property passes to the customer upon payment for the goods the customer shall hold the goods as bailee for the company and shall store or mark them so that they can at all times be identified as the property of the company.
3. The company shall be entitled at any time before property passes to the customer to repossess all or any of the goods and/or use or sell them (without any liability to the customer), and so terminate the customer's right to use, sell or otherwise deal with them as the company's bailee's.
4. For the purposes set out in sub-paragraph 6.3 above or for the purposes of determining what goods are held by the customer and inspecting them; the company or its authorised agents may at any time enter and remain upon any premises of the customer.
5. The company shall be entitled at any time before property passes to the customer whether or not payment for the goods is due require the customer forthwith to return the goods to the company (at the customer's expense) to any address the company may reasonably specify.
6. Until property passes the entire proceeds of sale of the goods shall be held in trust for the company and shall not be mixed with other monies or paid into any overdrawn bank account and shall be at all times identifiable as the proceeds of sale.

7. The company shall be entitled to maintain an action against the customer for the price of the goods notwithstanding that property in them has not passed to the customer.

7. DELIVERY; RISK; PERFORMANCE

1. Goods are delivered to the customer when the company makes them available to the customer or any agents of the customer or any carrier (who shall be the customer's agent whoever pays his charges) at the company's premises or other delivery point agreed in writing by the company.
2. Risk in the goods passes when they are delivered to the customer as aforesaid.
3. The company may deliver goods by instalments in any sequence.
4. No default or failure by the company in respect of any use or more instalments shall vitiate the contract in respect of goods already delivered to the customer, or yet to be delivered to the customer and where the goods are delivered by instalments each instalment shall be deemed to be the subject of a separate contract.
5. The company may deliver and the customer shall accept in satisfaction of the contract a lesser quantity than the quantity of goods ordered.
6. Any dates quoted by the company or specified by the customer for the delivery of the goods are deemed to be approximate only and shall not form part of the contract and the customer acknowledges that in the performance expected of the company no regard has been paid to any quoted delivery dates.
7. Time for delivery is not of the essence of the contract.
8. If the customer fails to take delivery of the goods or any part of them on the date they are made available and or fails to provide written instructions or any documents licences consents or authorisations required to enable the goods to be delivered the company shall be entitled to store or arrange for the storage of the goods, and the risk in the goods shall pass to the customer delivery shall be deemed to have taken place and the customer shall pay to the company all costs and expenses including storage and insurance charges arising from its failure.
9. The company shall not be liable for any penalty loss injury or damage or expense arising from any delay or failure in delivery or performance from any cause whatsoever nor shall any such delay or failure entitle the customer to refuse to accept any delivery or performance or to repudiate or terminate the contract.

8. CLAIMS NOTIFICATION

1. Any claim for non-delivery of any goods in the United Kingdom shall be notified by the customer to the company within 14 days of the date on the company's invoice.
2. Any claims that the goods have been delivered damaged or are not of the correct quantity or do not comply with the description in the contract shall be notified by the customer to the Company within seven days of their delivery or deemed delivery.
3. Any alleged defect in the goods shall be notified by the customer to the Company within seven days of delivery or in the case of any defect which is not reasonably apparent on inspection within seven days of the defect coming to the customer's attention.
4. Any claim under this condition must be in writing and must contain full details of the claim including any details required by the Company to identify the goods.
5. The Company shall be afforded a reasonable opportunity and facilities to investigate any claims under this condition and the customer shall if so requested in writing by the Company promptly return any goods the subject of any claim and any packing securely packed and carriage paid to the Company for examination.
6. The Company shall have no liability with regard to any claim in respect of which the customer has not complied with the provisions of this condition.

9. SCOPE OF CONTRACT

1. Under no circumstances whatsoever shall the Company have any liability of whatever kind for:
 - (a) any defects resulting from wear and tear accident or improper use or storage after delivery;
 - (b) any goods which have been altered after delivery;
 - (c) the suitability of any goods for any particular purpose or use under specific conditions whether or not those purposes or conditions were known or communicated to the Company.
2. Under no circumstances whatsoever shall the Company have any liability of whatever kind for any:
 - (a) descriptions, illustrations, specifications, figures as to performance, drawings and particulars of weights and dimensions submitted by the Company contained in the Company's catalogues, price lists or elsewhere since they are merely intended to project a general idea of the goods and not to form part of the contract or be treated as representations;
 - (b) technical information recommendations, statements or advice furnished by the Company its servants or Agents;
 - (c) any variations in the quantities or dimensions of any goods or changes in their specifications or substitution of any materials if the variation or substitution does not materially affect the characteristics of the goods and the substituted materials are of a quality equal or superior to those originally specified.

10. EXTENT LIABILITY

1. The Company shall have no liability to the customer (other than liability for death or personal injury resulting

from the Company's negligence) for any loss or damage of any nature arising from any breach of any express or implied warranty or condition of the contract or any negligence breach of statutory or other duty on the part of the Company or in any other way out of or in connection with the performance or purported performance of or failure to perform the contract except in accordance with this condition.

2. If the customer establishes that goods have not been delivered or have been delivered damaged or are not of the correct quantity or do not comply with their description or are defective, the Company shall at its option replace with similar goods any goods which are missing, lost or damaged or do not comply with their description or are defective or allow the customer credit for their invoice value or refund to the customer the invoice price of any such goods.
3. If the Company is liable in accordance with this condition in respect of only some goods the contract shall remain in full force and effect in respect of the other goods in the contract.
4. The Company shall not be liable in any circumstances whatsoever for goods which are lost or damaged in transit and all claims shall be made against the carrier.
5. There are no circumstances in which the liability of the Company to the customer under this condition shall exceed the invoice value of the goods.

11. GENERAL

1. If the customer fails to make any payment or otherwise defaults in any of its obligations under the contract or any other contract or agreement with the Company or becomes insolvent, has a receiver appointed or is wound up (voluntarily or compulsorily) or the Company bona fide believes that any such event may occur; then the Company may suspend or terminate the supply of any goods and shall be entitled to forfeit any monies already paid.
2. The contract and its subject matter are confidential and shall not be disclosed or used for any unauthorised purpose.
3. The contract cannot be cancelled without the written agreement of the Company and upon payment by the customer to the Company of 25% of the total contract price, or such other sum expressly agreed in writing by the Company.
4. The contract shall be governed by the English Law and the customer consents to the exclusive jurisdiction of the English Courts in matters regarding the contract except to the extent that the Company invokes the jurisdiction of the Courts of any other country.
5. Any notice to be given under this contract shall be in writing and telexed or sent by facsimile transmission or forwarded by recorded delivery post to the receiving party at its business address or last known business address and shall be deemed to have been given on the date of the telex or facsimile transmission or on the day following that on which the notice was posted.

12. FORCE MAJEURE

The Company shall not be liable for any failure in the performance of any of its obligations under the contract caused by factors outside its control.

13. EXPORTS

1. For the avoidance of doubt all the above terms and conditions apply to orders from customers outside the United Kingdom as well as those from within the United Kingdom.
2. The provisions of this condition apply to customers from outside the United Kingdom in addition to the remaining conditions but if any inconsistency arises between this condition and any others, for customers from outside the United Kingdom the provisions of this condition shall prevail.
3. Orders from customers outside the United Kingdom must be covered by an irrevocable letter of credit to cover the purchase price and any other additional costs and charges whatsoever, confirmed by a London clearing Bank unless other arrangements have been made and agreed between the Company and the customer in writing.
4. The Company's prices do not include F.O.B. charges or any delivery charges to docks, airports or otherwise to the customer's order.
5. Any obligation on the Company to carry or arrange for the carriage of any goods to any points outside the Company's premises must be agreed with the Company in writing, will be entirely at the customer's expense and will be invoiced to the customer by the Company separately and at cost price.
6. Insurance is only effected on the customer's specific instructions and to the customer's specific requirements, notified to the Company in writing, and entirely at the customer's expense. However, the Company is under no obligation to accept any instructions to effect any Insurance cover.
7. The notification periods specified in clause 8 shall be extended in each case by seven days for customers from outside the United Kingdom.
8. Unless otherwise agreed in writing by the Company before the contract is made it is the responsibility of the customer to make provision for the delivery of goods outside the Company's premises and to provide all necessary instructions, documents, licences, consents, authorisations, permissions and insurance required for the acceptance of the goods from the Company on the due date.



INTRODUCTION

Introducing the S Murray & Co Sommerlad Cleft Lip and Palate Surgery Set

S Murray & Co is proud to have developed the instruments shown in this catalogue with pioneering plastic surgeon, Brian Sommerlad, to be used to perform his innovative surgical technique for cleft lip and palate repair. A royalty will be paid to CLEFT by S Murray & Co for every set ordered, to help contribute to and support the inspiring work the charity undertakes. This catalogue shows both the complete set and also the individual instruments, which are available to be ordered separately.



Sheffield factory

Brian Sommerlad and CLEFT

Brian Sommerlad (right) is an honorary consultant plastic surgeon at Great Ormond Street Hospital for Children, London, and at the St Andrew's Centre for Plastic Surgery, Broomfield Hospital, Chelmsford. He was the first Clinical Director of the North Thames Cleft Lip and Palate Service. Although involved in many aspects of plastic surgery, his main activity now is centred around surgery for children and adults with cleft of lip and palate and associated conditions.

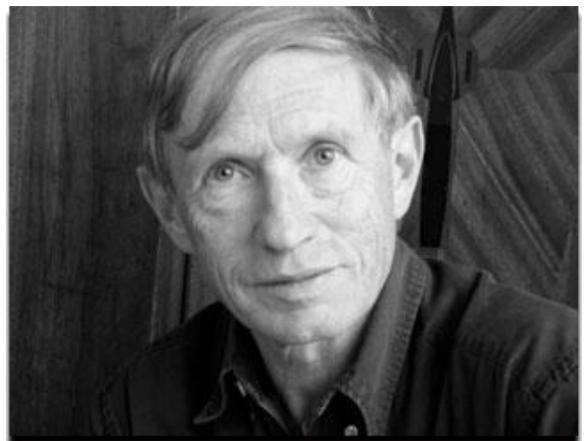
Registered with the Charity Commission in 2007, CLEFT is a charity which aims to research the unanswered problems in improving care for children born with cleft lip and palate throughout the world.



Registered charity number: 1119630
www.cleft.org.uk

British made quality

S Murray & Co is a British manufacturer of surgical instruments, with over 100 years of manufacturing experience. The instruments in this catalogue are made from high quality surgical grade stainless steel, supported by a 10 year guarantee to be free from defects in material and workmanship (3 years for the TC tips of the Needleholders). The instruments have been made with an anti-glare, satin finish to help reduce any potential glare caused by operating theatre lights or microscopes during surgical procedures.



CLEFT and Brian Sommerlad work with local surgeons in countries where cleft lip and palate services are less well-developed and S Murray & Co is proud that this set will help towards that training and development.



SOMMERLAD CLEFT LIP AND PALATE SET COMPLETE



CODE 9265/01

Set contents

Instruments

- 1073/15 x 2** Artery Forceps Halstead Mosquito Str 125mm
- 1074/15 x 2** Artery Forceps Halstead Mosquito Cvd 125mm
- 1282/30 x 1** Dissecting Forceps Adson 1/2 Teeth Fine 150mm
- 1579/05 x 1** Needleholders Ryder TC French Eye 125mm
- 1588/05 x 1** NeedleholderS Webster TC Smooth Jaws 125mm
- 1866/10 x 1** Scissors Iris Straight Sharp 110mm
- 1890/02 x 1** Scissors Metzenbaum Curved Blunt 145mm
- 1972/50 x 1** Scissors Ultra-Cutting Stevens Curved Blunt 110mm
- 2093/06 x 1** Suction Tubes American Pattern Stainless Steel 10Fg
- 2210/05 x 3** Towel Clips Backhaus 90mm
- 5003/02 x 1** Beaver Blade Holders Round 130mm
- 7350/05 x 1** Elevators Freer Double Ended 200mm
- 7544/05 x 1** Mouth Gags Sommerlad Frame Only
- 7544/55 x 1** Mouth Gags Sommerlad Tongue Plates Fig 1 50mm
- 7544/60 x 1** Mouth Gags Sommerlad Tongue Plates Fig 2 60mm
- 7544/65 x 1** Mouth Gags Sommerlad Tongue Plates Fig 3 70mm
- 7544/70 x 1** Mouth Gags Sommerlad Tongue Plates Fig 4 80mm
- 8149/25 x 1** Mapping Pens Sommerlad 150mm With Guard
- 8149/50 x 1** Mapping Pens Sommerlad 150mm With Guard Fine
- 8277/05 x 1** Raspatories Cleft Palate Sommerlad Straight 150mm
- 8277/10 x 1** Raspatories Cleft Palate Sommerlad 80Deg 150mm

- 8277/15 x 1** Raspatories Cleft Palate Sommerlad Scaler 150mm
- 8277/20 x 1** Raspatories Cleft Palate Sommerlad D/E 150mm
- 8333/05 x 1** Retractors Kilner D/E 150mm
- 8360/10 x 1** Scalpel Handle Barron Long 160mm
- 8420/05 x 2** Skin Hooks Gillies Small 185mm
- 8420/10 x 2** Skin Hooks Gillies Large 185mm
- 8980/10 x 1** Skin Marker Castroviejo 0-20mm Range

Accessories

(included as part of set 9265/01)

- 1804/25 x 1** Scalpel Blade Carbon Steel No 15, Box of 100
- 1811/90 x 1** Scalpel Blade Lamellar Angled Up, Sterile, Box of 6

Accessories

(not included as part of set – need to be ordered separately)

- 1205/05** Diathermy Cable Bi-Polar Twin 4mm Pin 3m
- 1205/55** Adaptor for Bi-Polar Cable 18mm to 22mm
- 1205/60** Adaptor for Bi-Polar Cable 29mm to 35mm
- 5390/15** Diathermy Forceps Bi-Polar Straight Fine Tip 0.5mm 150mm



ARTERY FORCEPS



Mosquito, Halstead

straight, serrated jaws

1073/15 125mm



Mosquito, Halstead

curved, serrated jaws

1074/15 125mm

DISSECTING FORCEPS



Adson

fine, 1/2 teeth

1282/53 150mm

NEEDLEHOLDERS, TUNGSTEN CARBIDE



Ryder

French eye, serrated jaws

1579/05 125mm



Webster

smooth jaws

1588/05 125mm



SCISSORS



Iris

straight, sharp

1866/10 110mm



Metzenbaum

curved, blunt

1890/02 145mm

SCISSORS, ULTRA-CUTTING

Stevens

curved, blunt

1972/50 110mm



SUCTION TUBES

American Pattern

stainless steel

2093/06 10Fg





TOWEL CLIPS



Backhaus

curved

2210/05 90mm

BLADE HOLDERS



Beaver

round, stainless steel

5003/02 130mm



Barron

octagonal, aluminium

8360/10 160mm



Freer

double ended

7350/05 200mm

ELEVATORS



Sommerlad

frame only

7544/05

MOUTH GAGS



MOUTH GAGS

Sommerlad Tongue Plates

- 7544/55 Fig 1, 50mm
- 7544/60 Fig 2, 60mm
- 7544/65 Fig 3, 70mm
- 7544/70 Fig 4, 80mm



MAPPING PENS

Manufactured with both standard and fine sizes for greater precision, the newly designed Sommerlad Mapping Pens (Mark 2) included in this set have a new, unique tip guard. The adjusting barrel is screwed proximally to adjust the tip width and distally to protect the tip when not in use, as illustrated below. It has fenestrations for ease of cleaning. The pen with the fine tip has been developed for marking a cleft lip repair. Both pens include a scale on the handle.

Sommerlad

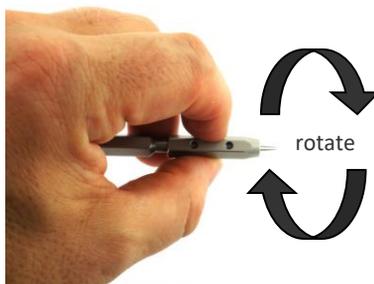
with tip guard, 150mm

8149/25 standard tip

8149/50 fine tip



open position



closed position



RASPATORIES

Sommerlad

150mm

8277/05 straight



8277/10 80 degree angle



8277/15 scaler



8277/20 double ended



RETRACTORS

Kilner

double ended

8333/05 150mm



SKIN HOOKS

Gillies

185mm

8420/05 small



8420/10 large



SKIN DIVIDERS

Castroviejo Scleral Divider/Marker

marked with scale from 0-20

8980/10





ACCESSORIES – SCALPEL BLADES, (INCLUDED IN SET)



No 15

carbon steel, sterile, box of 100
1804/25



Lamellar

angled up, sterile, box of 6
1811/90

ACCESSORIES – DIATHERMY, (NOT INCLUDED IN SET)

Cable, bi-polar

European connection, twin 4mm pin, fixed pitch, supplied with 50 use autoclave countdown marker
1205/05 3m



Adaptor

for use with cable 1205/05
1205/55 18mm to 22mm



Adaptor

for use with cable 1205/05
1205/60 29mm to 35mm



Forceps, bi-polar

straight, fine tip, 0.5mm
5390/15 150mm





INSTRUCTIONS FOR RE-PROCESSING REUSABLE DEVICES

The following instructions are for all reusable medical devices shown in this catalogue, unless stated otherwise with the packaging of the product. These instructions are intended for use only by persons with the required specialist knowledge and training.

WARNINGS

- Follow instructions and warnings as issued by manufacturers of any decontaminants, disinfectants and cleaning agents used. Wherever possible avoid use of mineral acids and harsh, abrasive agents.
- No part of the process shall exceed 140°C.
- Aluminium based products are damaged by high alkaline solutions (pH >1).
- Devices with long, narrow cannula, hinges and blind holes require particular attention during cleaning.

Limitations on Reprocessing

- Repeated processing has minimal effect on these instruments.
- End of life is normally determined by wear and damage in use.
- Any specific limitations on the number of reprocessing cycles shall be made available with the instrument.

INSTRUCTIONS

From Point of Use

- If possible, soiled instruments should be placed in a holding solution (combined disinfectant / enzyme solution) immediately after use and prior to cleaning, avoiding the use of bleach-based solutions.

Note: *this process is not suitable for aluminium instruments.*

Preparation for Decontamination

- Disassemble where intended by trained staff only, without the use of tools unless specifically provided by the manufacturer.
- Reprocess all instruments as soon as it is reasonably practical following use.

Cleaning: Automated

- Use only either CE marked or validated washer-disinfector machines and cleaning agents, following the manufacturers' instructions for use, warnings and recommended cycles.*
- Load instruments carefully, with any box joints and hinges open and so that any fenestrations in instruments can drain.
- Place heavy instruments with care in the bottom of containers.
- Place instruments with concave surfaces (e.g. currettes) facing down to prevent pooling of water.

Cleaning: Manual

- **Manual cleaning is not advised if an automatic washer-disinfector is available. If this equipment is not available, use the following process:**

One: Using a sink dedicated for instrument cleaning (not used for hand washing), rinse excess soil from instrument (water temp <35°C).

Two: Keeping the instrument submerged in the water, with a brush, apply CE marked cleaning solution to all surfaces. Pay particular attention to serrations, teeth, ratchets and hinges, always brushing away from the body. Ensure rongeurs and hinged instruments are thoroughly cleaned in both open and closed positions.

Three: Rinse instruments thoroughly with clean g'cc'e\ water, so that ij ZI ViZg reaches all parts of the instrument, then carefully hand dry dgj hZ Vc industrial drying cabinet.

Note: *when manual cleaning is used it may not be possible to disinfect the device prior to further handling.*

Cleaning: Inspection

- After cleaning, check all surfaces, cannulations, holes and lumens for complete removal of soil.
- If any soil is still visible, return the instrument for repeat decontamination.

Note: *automated cleaning may not be suitable for all lumens and cannulae, in which case clean manually with an appropriate brush (and stilette if provided) that reaches the depth of the feature.*

Maintenance

- Apply surgical grade lubrication oil to hinges, joints and moving parts as per the lubrication oil manufacturer's instructions.

Inspection and Function Testing

- Visually inspect and check:-
 - all instruments for damage and wear
 - cutting edges are free of nicks and present a continuous edge
 - jaws and teeth align correctly
 - all articulated instruments have a smooth movement without excess play
 - locking mechanisms (such as ratchets) fasten securely and close easily
 - long, slender instruments are not distorted
 - any component parts fit and assemble correctly with mating components.
- Remove for repair or replacement any blunt, worn out, flaking, fractured or damaged instruments.

Note: *if an instrument is returned to the manufacturer / supplier, the instrument must be decontaminated and sterilised and be accompanied with the relevant documented evidence.*

Packaging

- All instruments to be packed following local protocol & Zchj g'e\ ij ZeVX hãg\Z Zcdj \ id Xdciv'e ij Z'e h'ig b Zci l 'f) dj i higZ h'e\ ij Z hZVãt

Sterilisation

- Either CE marked or validated vacuum autoclave operating at 134-137°C 2.25 bar for a minimum holding time of 3 minutes - always following the instructions of the machine manufacturer.
- When sterilising multiple instruments in one autoclave cycle, ensure that the steriliser manufacturer's stated maximum load is not exceeded.
- Ensure instruments are dry before sterilisation. If the instruments cannot be dried prior to sterilisation, then use distilled/de-ionised water in the final-rinse stage of cleaning.

Storage

- Ensure instruments are dry before storage, and stored in dry, clean conditions at an ambient room temperature and away from direct sunlight.

Additional Information

- Other forms of **cleaning** (ultrasonic, alkaline and neutral) and **sterilisation** (Low Temperature Steam, Formaldehyde, Ethyleneoxide and Gas Plasma) are available. However, always follow the instructions for use as issued by the manufacturer and always consult with them if in any doubt over the suitability of any process used.

* These instructions have been validated using a washer-disinfector cycle validated to include two cold rinses at <35°C, a detergent cycle and a rinse cycle both at >50°C, a disinfection cycle operating at a temperature of between 80°C and 87°C for a minimum holding time of 1 minute and a 20 minute drying cycle. The detergent used was a low foaming, non-ionising spray wash detergent cleaner (max 12 pH) and the rinse aid a neutral pH low foaming, non-ionic surfactant with isopropyl alcohol.

It is the responsibility of the reprocessor to ensure that the reprocessing as actually performed using equipment, materials and personnel in the reprocessing facility achieve the desired result. This requires validation and routine monitoring of the process. Likewise any deviation by the reprocessor from the instructions provided must be properly evaluated for effectiveness and potential adverse consequences.



SMURRAY & CO

Holborn House Old Woking
Surrey GU22 9LB
England

Telephone +44 (0) 1483 740099
Fax +44 (0) 1483 755111
e-mail sales@smurray.co.uk
www.smurray.co.uk