



# TUBE PROCESSING – LABORATORY

Adelphi offers a small range of equipment designed to facilitate the efficient filling and closing of tubes in a laboratory or R&D environment.

## Response – volumetric filler

The Response is a versatile, accurate, hygienic and easy to use bench-top volumetric filling machine. It features a revolutionary head designed to handle liquids, creams, pastes, and solids in suspension efficiently. Available in single or twin-head configurations, and with a comprehensive range of nozzles, hoppers

and other accessories, the Response can be made to meet your individual requirements.

These machines are ideally suited to laboratory, R&D and small batch production environments. More detailed information and item codes can be found in the '**Response Volumetric Filler**' data sheet.



Specification			
Property	Single head	Twin head	Automation base
Accuracy	± 0.25%	± 0.25%	± 0.25%
Output (per minute)	< 40	< 80	Dependent
Height without hopper/tank	340 mm	340 mm	1800 mm
Depth	840 mm	840 mm	1070 mm
Width without conveyor	343 mm	343 mm	1650 mm
Weight	41 kg	44 kg	395 kg + responses
Air consumption (per cycle)	5 litres at 6 bar	5 litres at 6 bar	40 litres at 6 bar
Volume range	5 ml – 1 litre	5 ml – 100 ml	5 ml – 1 litre

## Vesta 1C – tube sealer

Compact and robust in a stainless steel case with clear, simple controls, the Vesta 1C offers a low maintenance tube closing solution, ideal for small batch production. The unit has been designed for laboratory sealing and small production runs of plastic or laminate tubes, which are sealed, trimmed and coded.



Item code	Specification
<b>3140001</b>	<b>VESTA 1C UNIT</b>
Tube seal range	10–50 mm diameter
Output (per minute)	Up to 4
Electricity	240V AC, 50/60 Hz, 500 W (120V optional)
Air supply (per minute)	20 litres at 6 Bar
Overall size	400 x 345 x 700 mm
Weight	31 kg
<b>31406</b>	<b>PAIR OF BESPOKE TUBE CUPS FOR EACH TUBE SIZE</b>
<b>3140601</b>	<b>SET OF NUMERALS 0–9 (L-SHAPED)</b>
<b>3140601-A-Z</b>	<b>LETTERS AND NUMBERS (L-SHAPED)</b>

## Centrac FCC – tube closer

Designed to close collapsible metal tubes, the Centrac FCC is operated by a handle, which requires two turns to close, fold and crimp the tube giving a double fold. An adjustable rest is provided to locate tubes in the correct position, a gauge plate regulates the depth of fold required, and a wing nut adjusts the depth of crimp.

All working parts are fully guarded. The angle of operation is infinitely variable through 90°. Coding jaws are supplied as standard to hold up to 4 figures and/or letters for batch marking.



Item code	Specification
<b>3101000</b>	<b>CENTRAC FCC TUBE CLOSER</b>
Output (per minute)	Up to 10
Tube diameters	From 12 mm to 40 mm
Depth of base in vertical position	203 mm
Depth of base in horizontal position	267 mm
Width of base	191 mm
Width of handle	330 mm
Height in vertical position	308 mm
Height in horizontal position	267 mm
Weight	11.6 kg
<b>3110000</b>	<b>NUMERALS 0-9 FOR CODING JAWS</b>
<b>3111001-26</b>	<b>LETTERS A-Z FOR CODING JAWS</b>

## Tube-folding pliers



These tube-folding pliers provide a simple method of reliably closing individual metal tubes. They are hand held with plastic handles for comfort and safety.

Item code	Specification
<b>4001100</b>	<b>TUBE CLOSING PLIERS</b>
Output (per minute)	Up to 10
Tube diameters	From 12 mm to 40 mm
Depth of base in vertical position	203 mm
Weight	300 gm

## Tube processing – production

If your requirements stretch beyond the abilities of manual or semi-automatic equipment, Adelphi is able to supply fully automatic tube processing machinery. As the sole UK representative of TGM since 1995, Adelphi can offer expert technical sales advice, and reliable servicing and spares support.

Please see our ‘**Tube Processing – Production**’ data sheet, or our website for further information.

