

New product information

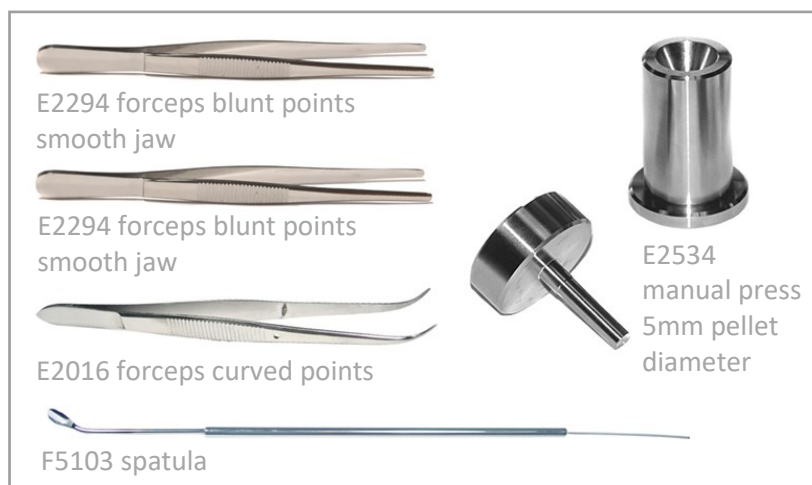
Sample preparation kits

Elemental Microanalysis has introduced two new sample preparation kits.

The X5152 solid sample preparation kit comprises a manual press for 5mm diameter pellets (E2534), a spatula (F5103), curved point forceps (E2016) and two blunt point, smooth jawed forceps in stainless steel (E2294).

E2294 stainless steel forceps are also a new addition to Elemental's product range. Benefitting from a smooth rather than serrated jaw, the E2294 forceps can ease the process of sample encapsulation.

X5153 solid sample preparation kit contains F5103, E2016 and two E2294.



X5152 solid sample preparation kit including manual press

EMAL part no	Product description	Contents (quantity)	OEM part no
X5152	Solid sample preparation kit including manual press 5mm pellet diameter	E2534 manual press 5mm pellet diameter (1) F5103 spatula (1) E2016 forceps stainless steel curved points (1) E2294 forceps stainless steel blunt points smooth jaw (2)	
X5153	Solid sample preparation kit	F5103 spatula (1) E2016 forceps stainless steel curved points (1) E2294 forceps stainless steel blunt points smooth jaw (2)	E23-003

These products offer the same high quality and value for money that is typical of Elemental Microanalysis' entire product range.

Available to order from our [ISO 9001](#) factory online, by email, telephone or fax. Elemental Microanalysis offers extensive knowledge of analysis, over 40 years of experience and a worldwide reputation for excellence.

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Operating the manual press

Perfect sample encapsulation using a manual press



Place the middle cylinder section on the bottom section. Weigh the sample into the foil and just lightly close it with either forceps or gloved hands. Place the sample into the top of the vertical cylinder.



After inserting the sample, insert the plunger and press down on it with the hand to compress the sample, driving out any ambient air (i.e. nitrogen) and forming the pellet.



To remove the pellet, lift the middle cylinder with fingers from the bottom section, whilst keeping the heel of the hand on the plunger. Press with the heel of the hand to push the compressed sample pellet out of the middle cylinder. Typically the pellet is then weighed again.

Elemental Microanalysis supplies manual presses for pellet diameters 5mm, 7mm, 9mm and 10.5mm, these work well with tin foil cones, discs and squares. The larger diameter manual presses are ideal for big, bulky sample encapsulation typically associated with nitrogen protein and macro analysis.

EMAL part number	Product description	OEM part number
E2534	Manual press 5mm pellet diameter	
E2535	Manual press 7mm pellet diameter	41.01-0003/4
E2536	Manual press 9mm pellet diameter	41.01-0004
E2537	Manual press 10.5mm pellet diameter	41.01-0002/4

All Elemental Microanalysis Ltd products are guaranteed to be of high quality and are deemed to be suitable alternatives in the stated instruments. The use of OEM part numbers is intended for convenience only, and does not imply the products are of OEM origin. All OEM trademarks acknowledged.

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