

## New Product Information

### LECO® AC500/600 isoperibol calorimeter compatible consumables

Elemental Microanalysis Ltd has expanded its range of products to complement coal, coke, petroleum and fuel laboratory analysis.

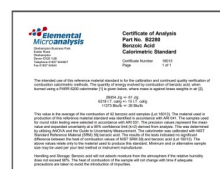
The hydrogen value from the elemental analysis of these organic samples can be used to calculate a really accurate btu/lb when calorimetry is additionally used to assess fuel.

The extended compatible product range has been developed to support users of LECO AC500 and AC600 isoperibol calorimeters.

### Calibration

Calibrate and continually verify the quality of your combustion calorimetric methods. The 1g certified reference material pellets are supplied with a certificate of analysis for energy by weight in J/g, I.T. cal/g and Btu/lb.

OEM part	Part number	Part description
774-208	B2280	Benzoic acid tablets 1g pack of 10
	B2281	Benzoic acid tablets 1g pack of 100
	B2282	Benzoic acid tablets 1g pack of 500

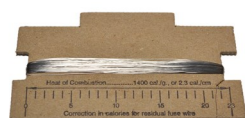


Benzoic acid  
1g tablets

### Sample combustion preparation



E5020 Wire igniter



E5012 Firing fuse wire



E2474 Cleaning brush



F2720 Glass scoop

E5011 AC crucible

Once your sample is transferred and weighed in the AC crucible it will need to be placed in the crucible holder below the oxygen combustion vessel cap.

The firing fuse wire sits beneath pelletised samples and above powder samples.

Allowance for energy generated from the combustion of the firing fuse wire within the bomb is simplified with Elementals E5012 measuring gauge. This can also be used for any residual firing fuse wire post combustion.

OEM part	Part number	Part description
502-266   774-205	E5012	Firing fuse wire
621-605-802	E5020	Wire 1pc
621-605-803	E5021	Wire 5pcs
774-204	E5011	AC crucible, stainless steel 10 pcs
774-649	E2474	Cleaning brush assembly
776-978	E2720	Scoop glass 1.5ml
	E2002	Macro multi-purpose spoon/spatula

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

## Oxygen combustion vessel and bucket spare parts



OEM part	Part number	Part description
501-241	E2158	Silicone grease 100gm
502-296	E5028	Water paper 100 pcs
608-671	E5027	Water filter
608-854	E5029	Electrode loop
608-855	E5030	Electrode straight
608-856	E5016	Fuse wire locking collar
621-605-657	E5018	Check valve
621-605-771	E5017	Fuse wire locking collar
621-605-873	E5022	Bar upper electrode
621-605-874	E5023	Bar electrode
621-605-875	E5024	Bar lower electrode
621-657	E5025	Filter cartridge

## O-rings and washers



OEM part	Part number	Part description
603-493	E2390	O-ring
621-605-664	E5019	Check valve O-ring
776-562	E5026	Ceramic washer

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.

### Elemental Microanalysis Ltd

1 Hameldown Road, Okehampton, EX20 1UB, UK  
 t. +44(0)1837 54446 • f. +44(0)1837 54544  
[www.elementalmicroanalysis.com](http://www.elementalmicroanalysis.com) • [enquiries@microanalysis.co.uk](mailto:enquiries@microanalysis.co.uk)



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