

Compatible products for Analytik Jena® instruments

Elemental Microanalysis are proud to offer you a range of high quality products for Analytik Jena® analysers.

From the multi N/C series for TOC (total organic carbon) /TN_b (total bound nitrogen) determination in environmental monitoring and the pharmaceutical industry, the multi X2500 for AOX (adsorbable organic halogen) /TOX (total organic halogen), EOX (extractable organic halogen), and POX (purgeable organic halide) analysis to the multi EA5000, multi EA4000, and the EA3000; we can supply the consumables you need to keep your analyser running.

- Multi NC2100-3100
- Multi EA2000
- Multi EA3000
- Multi EA4000
- Multi EA5000
- Multi X2000
- Multi X2500
- Pharma TOC



The multi EA5000 provides C/N/S/Cl determination and can also determine environmental parameters such as TOC, AOX/TOX, and EOX.

The multi EA4000 offers macro elemental analysis for the parameters TS, TC, TX, TOC, TIC (total inorganic carbon), EC (elemental carbon) and BOC (biodegradable organic carbon) in organic and inorganic solids, e.g.: soil samples, sediments, construction materials, combustibles, ashes, polymers, waste, catalysts, minerals or fertilizers.

Boats

Available in packs of 10, these quartz and ceramic boats are compatible with all Analytik Jena instruments.



C8134. Ceramic boat.

C8135. Quartz sample boats with downholder.



Analytik Jena part	EMAL part	Description	Pack size
402-899.673	C8135	Quartz sample boats with downholder 40 x 9mm	10
402-889.674	C8133	Quartz boat 40 x 9mm	10
	C8134	Ceramic boat for sample injection in combustion module	10

The use of Analytik Jena® 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 Analytik Jena® trademarks acknowledged.

Chemical reagents

Brass and copper wool, halogen absorbers and magnesium perchlorate drying agent to cerium dioxide and platinum special catalysts, from our ISO 9001 facility Elemental can supply you with the chemical reagents you need for your Analytik Jena analyser.



B1725.
Activated
carbon.



B1731, B1730.
Special catalyst
N/C.



B1724. Special
catalyst platinum.

Analytik Jena part	EMAL part	Description	Pack size
402-810.004	B1725	Activated carbon for AOX analysis	10g
402-810.047	B1731	Special catalyst multi N/C CeO ₂	40g
402-810.048	B1724	Special catalyst platinum	20g
402-810.050	B1720	Halogen absorber filling for GL14 tube (copper- and brass wool)	3 pieces
402-810.058	B1730	Special catalyst multi N/C CeO ₂	200g
402-810.059	B1726	Special catalyst platinum	80ml
402-825.044	B1460	Quartz wool	6g
402-881.006	B1729	Quartz glass cullet, coarse grains	80g
402-885.017	B1257	High-temperature mat	1
402-886.114	B1723	Halogen absorber filling for straight tube	2 pieces
402-886.116	B1161	EMADrone magnesium perchlorate	454g
402-886.131	B1727	Calcium carbonate	100g
402-886.312	B1721	Halogen absorber filling for GL18 U-tube, OD = 21mm (conditioned)	3 pieces
402-886.322	B1722	Halogen absorber filling (conditioned) for GL18 U-tube, OD = 21mm	5 pieces



B1720. Halogen
absorber filling.



B1161. Magnesium perchlorate.



B1727. Calcium carbonate.

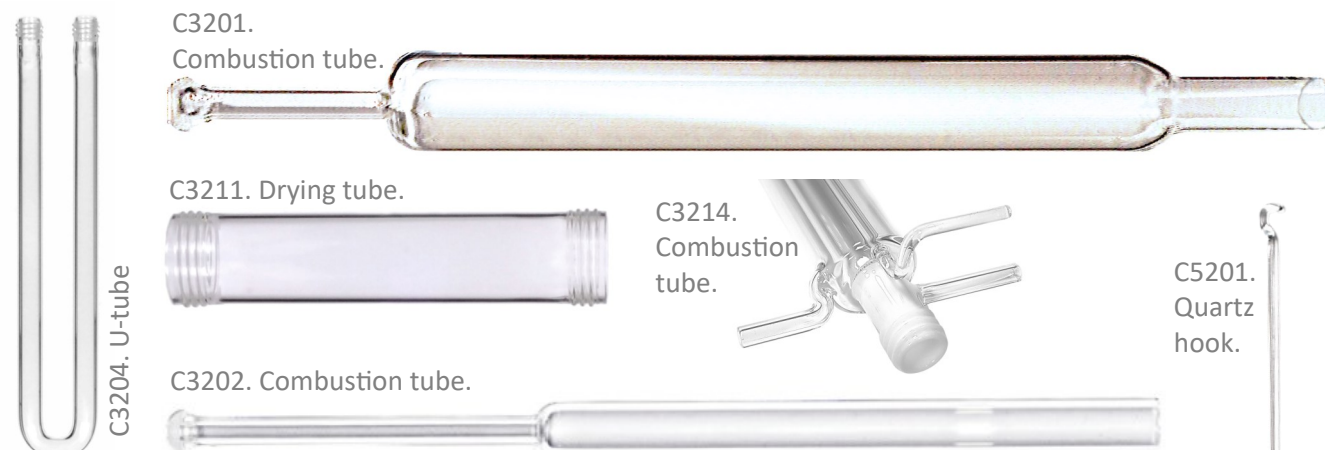


B1257. High temp mat.

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Quartz, glassware and furnace tubes

Precision-engineered quartz, glassware and furnace tubes compatible with Analytik Jena analysers.



C3204 and C3205 are available filled with halogen absorber (X4020 and X4021 respectively); compatible connectors, fittings, O-rings and seals all supplied from our ISO 9001 facility.

Analytik Jena part	EMAL part	Description	Pack size
402-825.150	C3204	U-tube, OD = 11mm, without filling for halogen absorber	1
402-880.009	C8132	Quartz container 18 x 6 pack of 20	20
402-881.013	C3205	U-tube, OD = 21mm for halogen absorber (without connections)	1
402-885.010	C3201	Combustion tube	1
402-886.129	C3211	Drying tube with GL45 (without connectors)	1
402-886-014	C8130	Ceramic tube	1
402-889.066	C5201	Quartz hook for ABD	1
402-889.510	C3214	Combustion tube EA5000	1
402-889.597	C8131	Combustion tube for diesel exhaust particulates multi EA5000	1
402-889.606	C3212	Combustion tube, vertical (AOX and POX)	1
402-890.134	C3202	Combustion tube, outer diameter 16mm	1
402-890.136	C3203	Combustion tube, outer diameter 16mm, with holder	1
402-890.150	E7118	IC condensing vessel multi N/C 2100 S	1
402-950-019	C5200	Quartz combustion tube	1

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Operating supplies

The extra components for keeping your Analytik Jena analyser running: From filters, ferrules, hoses, joint caps, to forceps, traps and nuts - we can supply you with these compatible products for your instrument.

Analytik Jena part	EMAL part	Description	Pack size
402-815.035	E7127	Polycarbonate membrane filter	100
402-820.057	E7122	Ferrule 1/16"	1
402-823.048	E7134	Membrane dryer 48" multi EA3100	1
402-825.041	E7135	Fork-type clamp KS 13/2 with clamping screw	1
402-825.045	E2018	Forceps blunt points, 130mm stainless steel	1
402-880.351	E7123	Male nut, 1/16"	1
402-880.352	E7125	Ferrule, 1/8"	1
402-880.353	E7126	Male nut, 1/8"	1
402-881.026	E7124	Finger tight set 1/8" for set of hoses	1
402-881.027	E7121	Finger tight set 1/16" for tube set, PEEK	1
402-881.119 402.889.305	E7142	Screw joint cap GL14 with hole (multi X2000)	1
402-881.213	E7111	Headline disposable in-line filter	10
402-881.228	E7100	Disposable retention filter (water trap)	1
402-881.244	E7139	Particles filter	5
402-881.245	E7102	Set TC pre-filter and water trap	1
402-884.005	E7115	Pump hose for peristaltic pump waste	1
402-885.011	E7116	Pump hose for peristaltic pump (acid)	1
402-889.306	E7143	Screw cap with hole GL18	1
402-950.017	E7119	Connector TC vessel	3



E7122.
Ferrule 1/16".



E2018. Forceps.



E7123. Male
nut, 1/16".



E7142.
Screw
joint cap.
GL14.



E7100.
Retention
filter.



E7102. TC filter
and water trap.



E7143.
Screw
cap, with
hole.
GL18.

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Syringes and needles

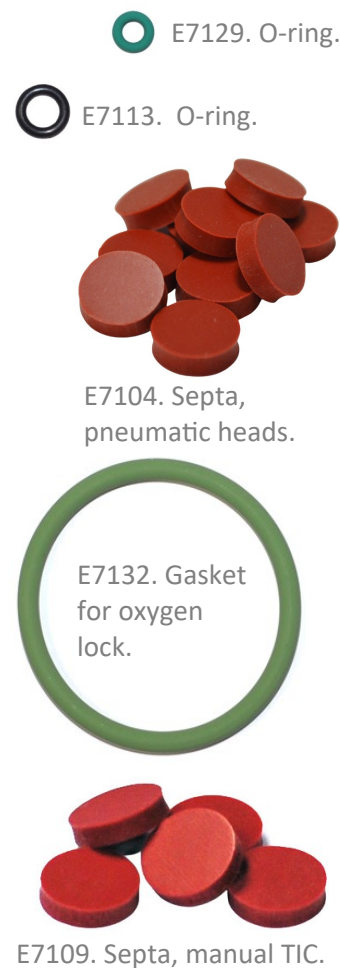
Make sample injection more cost-effective without compromising on quality, here is our range of compatible syringes and needles for Analytik Jena.

Analytik Jena part	EMAL part	Description	Pack size
402-823.056	E7103	Needle, 0.63mm OD x 0.35mm ID for all types of syringes	3
402-823.079	E7147	Removable needles for 50 and 100µl syringes	3
402-823.110	E7117	Syringe for CAVRO syringe pump 5ml	1
402-886.304	E7105	Syringe 250µl with vent and removable needle 1 x 0.7mm OD x 53mm (for APG 60 only)	1
402-886.305	E7106	Syringe 500µl with vent and removable needle 1 x 0.7mm OD x 53mm (for APG 60 only)	1



O-rings and seals

Analytik Jena part	EMAL part	Description	Pack size
402-815.030	E7129	O-ring 3.0 x 1.5mm	10
402-815.830	E7110	Sealing ring dust trap for HT-oven (34 x 4mm)	1
402-881.108	E7113	O-ring ID 4.5 x 1.5mm (oxygen supply/output V1)	1
402-881.238	E7104	Septa, pneumatic heads 10mm OD multi N/C 2100 S	10
402-886.010	E7132	Gasket for oxygen lock CS (34 x 3mm)	1
402-886.172	E7130	O-ring for adaptor for drying tube (32 x 3mm)	1
402-886.310	E7107	Septum for syringe (autosampler) 9.5mm OD	1
402-886.326	E7108	Septa uncut for septum-head, 17mm	3
402-889.050	E7109	Septa for manual TIC port, 12.5mm (multi N/C2100)	5
402-889.307	E7144	Sealing for screw cap, hole GL18 sulfur coulometer	1
402-889.309	E7145	Sealing for screw cap, hole GL14 sulfur coulometer	1
402-889.314	E7138	Septa for titration cell for sulfur coulometer	50
402-888.007	E7120	Seal ring lock 30 x 5mm	1



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Prepacked tubes

These U-tubes are supplied pre-filled with brass and copper wool halogen absorbers.



X4021. Halogen absorber, 21mm U-tube.



X4020. Halogen absorber, 11mm U-tube.

Analytik Jena part	EMAL part	Description	Pack size
402-885.019	X4020	Halogen absorber, complete with U-tube, 11mm	1
402-886.313	X4021	Halogen absorber, complete with U-tube, 21mm	1

Our website details all the compatible consumables we supply for your specific Analytik Jena analyser,

- Multi NC2100-3100
- Multi EA4000
- Multi X2500
- Multi EA2000
- Multi EA5000
- Pharma TOC
- Multi EA3000
- Multi X2000

Elemental Microanalysis quality

Elemental Microanalysis Ltd holds full accreditation to the latest ISO standard 9001:2015.

We produce compatible products that are of equivalent quality to those from the original instrument manufacturer; we guarantee that our products are as good or better than those from your current supplier. If not you can return the product to us for a full refund.

Using consumables from Elemental Microanalysis will not affect your warranty or service agreement with the instrument manufacturer.

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

Available to order [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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Elemental Microanalysis Ltd

1 Hameldown Road, Okehampton, EX20 1UB, UK
 t. +44(0)1837 54446 • www.elementalmicroanalysis.com • enquiries@microanalysis.co.uk



Available from your local Dealer:

