

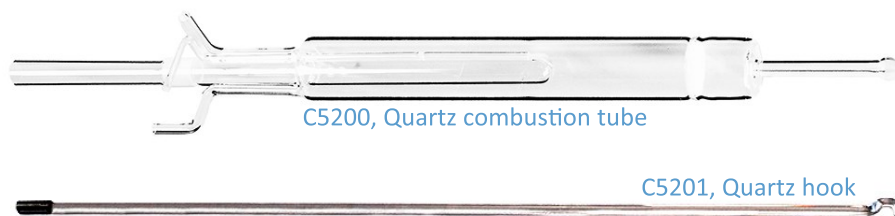
Products for Metrohm® 930 CIC

For S and Halogen (Cl, Br, I, F) in low ppm concentration determinations



The range for Metrohm® 930 Combustion Ion Chromatography analysers, includes a quartz combustion tube (C5200), a quartz hook (C5201) for the Auto Boat Drive, and quartz or ceramic sample boats (C8133 and C8134). The parts are all for use in the combustion unit, which is manufactured by Analytik Jena®, and integrated into the Metrohm® CIC.

EMAL Part no	Description	OEM part no
C5200	Quartz combustion tube CIC Metrohm	6.7301.000
C5201	Quartz hook for ABD CIC Metrohm	6.7301.110
C8133	Quartz boat 40 x 9mm 402-889.674 pack of 10	6.7302.100
C8134	Ceramic (Aluminium oxide) boat for sample injection in combustion module pack of 10	6.7302.130
B1208	Silica (Quartz) wool very fine 10g	6.7302.120



C8133, Quartz boat 40 x 9mm



C8134, Ceramic boat



Pyrohydrolytic Combustion Ion Chromatography (CIC) extends the range of automated ion chromatography to all kinds of combustible samples.

In CIC, samples are digested by pyrohydrolysis in an oven unit. The resulting gaseous compounds are passed into an absorption solution, which is transferred to an ion chromatograph for subsequent injection and analysis. CIC is an extremely useful method to determine various halogens and sulfur in matrices ranging from solids to viscous, liquid, and gaseous samples.

Application areas for CIC include:

- Environmentally relevant substances (oil, plastic waste, glass, activated carbon)
- Electronic components (printed circuit boards, resin, cables, insulation)
- Fuels (gasoline, kerosene, crude oil, heating oil, coal, butane, propane, natural gas, catalysts)
- Plastics (polymers such as PE, PP)
- Colouring agents (pigments, paints)
- Pharmaceuticals (raw materials, intermediates, finished products)
- Foods (oils, spices, flavourings and fragrances)

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