



HALOGEN MATERIAL COMBUSTION UNIT

Easy and Safe Combustion For Materials With Halogen Content

Halogen Material Combustion Unit is designed to safely perform the combustion of samples with halogen content. This small unit helps the preliminary process of determination of halogen content suitable for international standards (like EPA, ASTM ...).



HALOGEN MATERIAL COMBUSTION

- Suitable for pre-combustion procedures of solid and liquid samples to be analysed in Ion Chromatography or Ion-Selective Electrode Method.
- According to the amount of halogen contained in the sample, the suitability of the samples for recycling can be tested
- Halogen Resistant Decomposition Vessel (resistant to fire and high pressure) is included. Vessel is tested independently for 220 bar high pressure.
- Sample preparation accessories (like sample preparation stand, oxygen charger, exhaust apparatus..) is included in the package.
- Ease of control and calculation with touchscreen.



TECHNICAL DATA

Analysis Duration	Standard 15 min. Adjustable Option
Prep. Time for Operator	2 min
Ignition	Automated
Water Circulation	Automated
Water Filling/Draining	Manuel
Oxygen Pressure	30-40 bar
Input Power Max.	200 W
Rated Voltage	120V / 220V
Ambient Temperature	5-85 °C
Dimensions	455x442x343 mm
Protection Class	III
Ambient Moisture	< 85%
Frequency	50/60 Hz.
Protection Class According to DIN	IP 20
Oxygen Filling	Manual
Degasification	Manual
Halogen Resistant Vessel	Included
Analysis According to	ASTM D4208 EPA Method 5050
Interface	Touch Screen
Language	TR/EN

ABOUT HALOGEN

Elements, that are in group 7A of the periodic table and are all nonmetals are called halogens. **Halogens** are very reactive elements. Due to their high reactivity, they exist only as ions or compounds in the environment. Halogens can be found in many materials which are being used of different areas of industry. Examples include; chemical, water and sanitation, plastics, pharmaceutical, paper, textile, cement, military, and petroleum industries.

While halogens can provide benefits an in many industries, they also cause many dangers such as global warming, environmental problems, fire, disease, and death. Therefore, the use of halogens in industries is carried out following many standards. To determine the amount of halogens in the products, preliminary sample preparations of the halogens can be done using the **Halogen Material Combustion Unit**.



FOR ALL YOUR QUESTIONS AND INQUIRIES

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