

GENERAL CATALOGUE

Quartz microfiber filters ref. CQ2000

Analysis of emission with aggressive gases or very high temperature



APPLICATIONS

- Control of emissions in industrial smokestacks with isokinetic probes or temperatures up to 900ºC.
- Gravimetric calculations in gases.

Metal traces (mg/Kg)

Al	As	Cd	Co	Cr	Cu	Fe	Hg
50	0.75	1.5	1	5	1.25	30	<0.05

Mg	Mn	Na	Ni	Pb	Sb	Sn	Ti
1.25	25	40	2	0.75	1.25	0.5	2.5

V	Zn
0.5	5

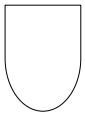
Description

Made with pure (SiO2), quartz microfibers completely free of bonding agents and later treated at high temperatures. Quartz fiber thimbles have enjoyed high demand over the last tears due to the growing social concern over atmospheric contamination and the environment in general.
They have the same properties as quartz microfiber filters but its thimble the format makes it specially indicated in controls of emission in industrial smokestacks by means of isokinetic probes. Are also used for the retention of dust particles suspended in gases, aerosols, or generally in any analysis where a thimble resistant to high temperatures (up to 900ºC) or chemically compatible with gases where high acid concentration is required (except HF)

Technical specifications

Ref.	Composition	Retention	DOP penetration	Max. Temperature	Binders
		% a 0.3 µm	% a 0.3 µm		
CQ2000	100% quartz microfiber	99.998	< 0.002	900ºC	No

Quart microfiber thimble's dimension ref. CQ2000



19 x 90	22 x 65	22 x 70	25 x 70	25 x 100	26 x 60	30 x 77	30 x 80	30 x 100	30 x 110	34 x 150	35 x 150	43 x 123

Dimensions: Inner diameter x length in mm
Presentation: Packs of 25 units

INFORMATION FOR ORDERS. Quartz microfiber thimbles ref. CQ2000

Ø int x longitud (mm)	Code	units/box
19 x 90	CQ20001990	25
22 x 65	CQ20002265	25
22 x 70	CQ20002270	25
25 x 70	CQ20002570	25
25 x 100	CQ200025100	25
26 x 60	CQ20002660	25
30 x 77	CQ20003077	25
30 x 80	CQ20003080	25
30 x 100	CQ200030100	25
30 x 110	CQ200030110	25
34 x 150	CQ200034150	25
35 x 150	CQ200035150	25
43 x 123	CQ200043123	25