

OneNeb

The new generation of nebulizers
for ICP sample introduction systems

OneNeb is a new nebulizer specifically designed for ICP-OES and ICP-MS for elemental chemical analysis which uses Ingeniatics patented Flow Blurring® nebulization technology. This state-of-the-art technology produces aerosols with the smallest droplets in the market affording significant advantages to ICP OneNeb nebulizers, like:

- improved sensitivity with very good precision,
- resistance to difficult matrix samples,
- striking flexibility in terms of operating condition in ICP-OES and

ICP-MS.

The new OneNeb nebulizer has been developed thanks to the effort and dedication of the Spanish company Ingeniatics. With its headquarters in Seville, Ingeniatics is a Technology-based Company with more than 50 international patents.

Considered the best one
in the market for:

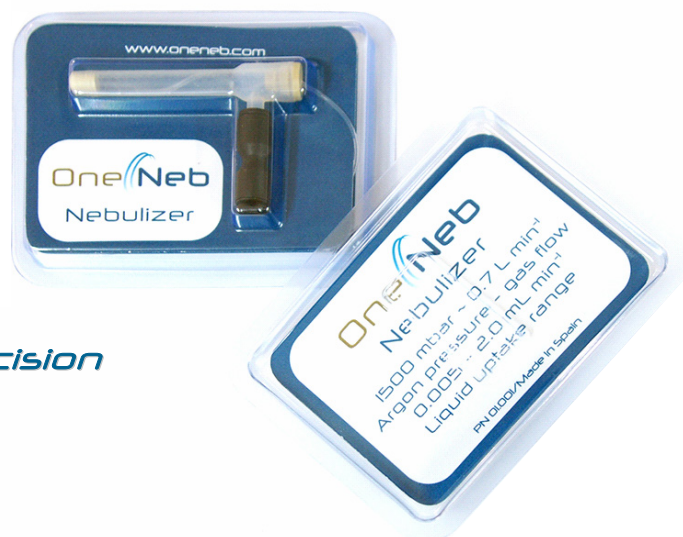
Finest and narrowest aerosols

Leadership in sensitivity and precision

Best detection limits

Highly accurate

And a handy multifunctional tool ...



All working conditions in *One Nebulizer*

In standard nebulizer

Low/moderate pressures
Extremely good mechanical resistance
Fits most spray chambers

Routine aqueous and organic applications, e.g. environmental samples such as drinking, fresh and natural waters

In micro nebulizer

High transport efficiency
Easy-to-handle
No special connections

Samples with limited volume (forensic and clinical), expensive applications (biological samples) and waste generation reduction (radioactive samples), when low solvent load is important (volatile organic solvents and ICP-MS analysis)

All analysis with *One Nebulizer*

With high acids nebulizer

Very good chemical resistance with acid content

*Samples totally digested with acids as food, agricultural and geological samples (e.g., high acid, nitric, and medium acid, hydrofluoric, sulphuric and aqua regia)
Refractory metals and alloys
Gasoline, diesel and biodiesel*

With high dissolved solids nebulizer

High salt contents
Long periods of time without clogging
Easy-to-maintain and to-rinse

Seawater, wastewater and soil extracts

All in *One Nebulizer*

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