

Simultaneous ICP Atomic Emission Spectrometer

ICPE-9800 Series



ICPE-9810 (Axial view)
ICPE-9820 (Axial/Radial view)

BEST for all laboratories

Time-saving analysis features

- All-wavelengths acquisition allows users to add elements and wavelengths post-analysis without reanalysis.
There is no need to reanalyze samples.
This system provides qualitative as well as quantitative results.
- The vertical torch orientation reduces carryover while improving particulate handling, ensuring stable low-maintenance analyses.
- Dual view (axial/radial) provides the best combination of sensitivity and wide dynamic range.

Easy software

- Assistant functions enable easy optimization of methods and a simpler, more efficient analytical workflow.

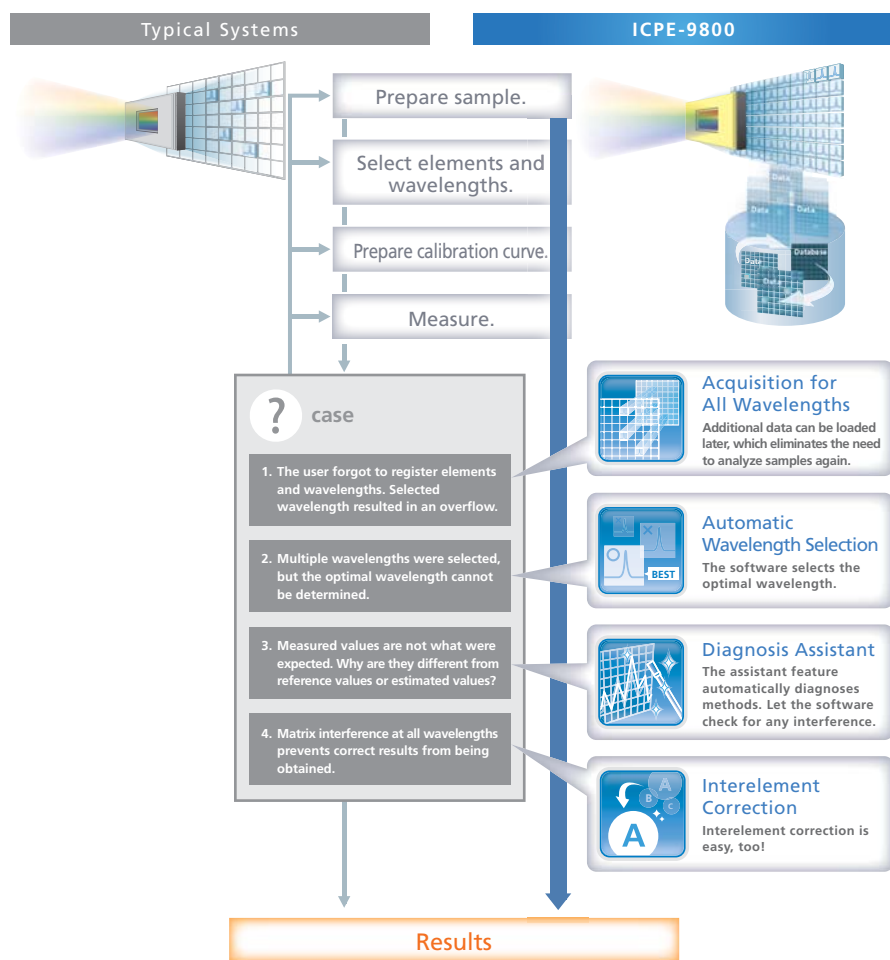
Low Running costs

- Three gas-reducing features: Eco mode, Mini-torch system, and Vacuum spectrometer, significantly reduce the amount of argon gas consumed.
- Pump-free sample introduction and a gravity fed sample chamber drain remove the maintenance of peri-pumps, saving money and time.
- Oxygen-free organic solvent analyses eliminate the need for additional gases reduce operating costs.

– ICPE solution –

All-Wavelength Acquisition and Assistant Functions Ensure a Smoother Analysis Workflow

The ICPE-9800 series' assistant functions, combined with an extensive spectral database, enable easy method optimization by recommending interference-free wavelengths, suggesting element concentration calibration schemes and, when necessary, providing IEC (interfering element correction). These features provide a simpler, more efficient analytical workflow.



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