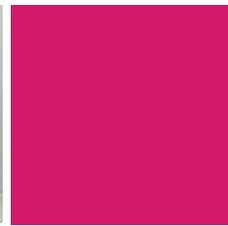
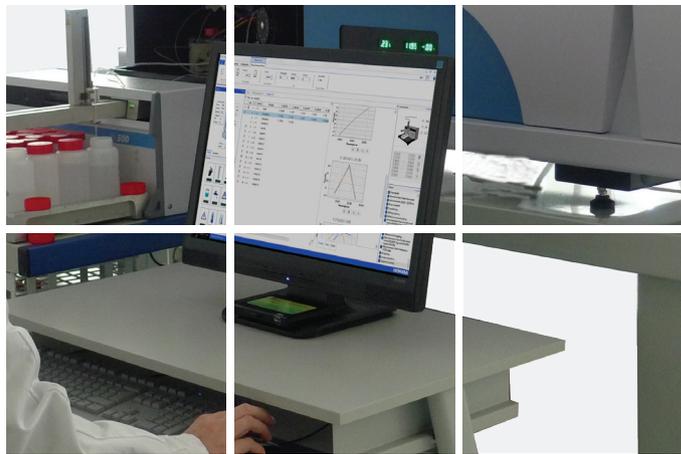


# ICP NEO

## Software for ICP-OES Spectrometers



Facilitate method development,  
samples measurement and  
results management

# ICP Neo: All the information on a single screen

ICP Neo software for HORIBA Scientific ICP-OES spectrometers is designed to facilitate method development, samples measurements and results management.

ICP Neo is compliant with new Microsoft platforms, **Windows 7 and Windows 8** and delivers powerful tools for samples measurement with **new HDD mode** integrated for standard measurement, **advanced Quality Control Protocols** and **retrospective analysis** with respect to the integrity of raw results to match with good laboratory practices requirements.

ICP Neo is available for all **Ultima family ICP-OES** spectrometers. **CPU05 electronics is required** for communication with ICP Neo. For all instruments not equipped with CPU05 electronics, a field upgrade is available.

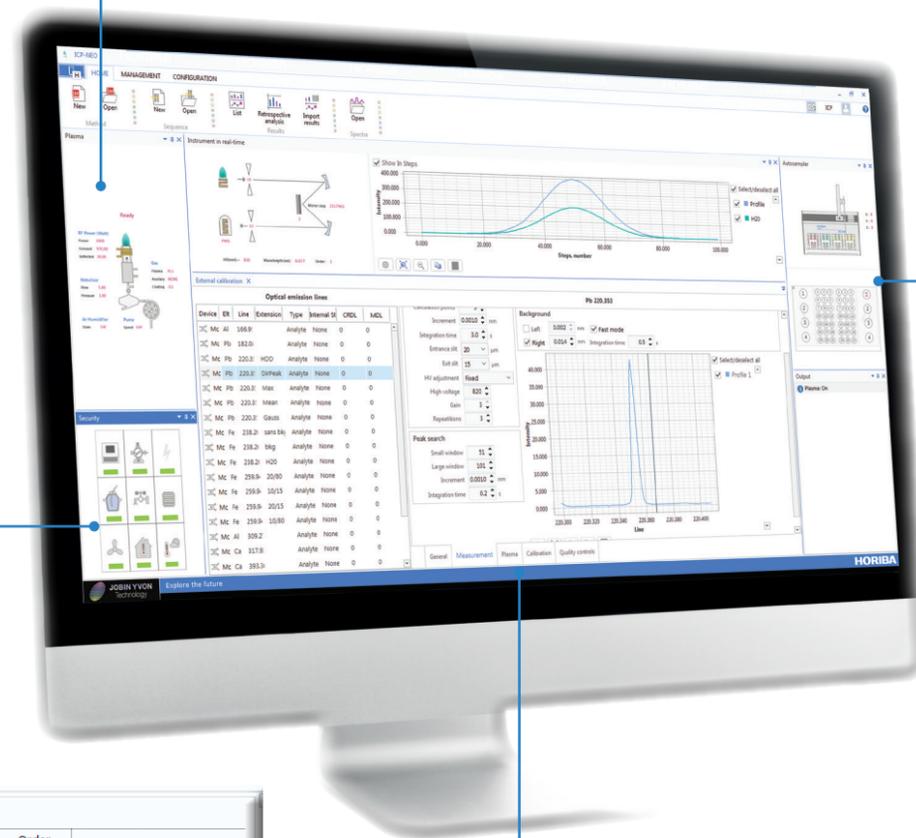
During installation, a **basic training** will be performed by the service engineer who will have been trained in our application laboratory. You will be able to use the software and perform your samples analysis as soon as installation is completed.

**Plasma window** for direct monitoring of gas flows, RF power, peristaltic pump speed



Visual display of emission lines using S<sup>3</sup> wavelengths database

**Safeties window** for monitoring interlocks status



**Autosampler window:** Direct control of autosampler status and position. Display of active tray and rack.

Task: Manual QC / Test - LCS					
	Device	Element	Line	LD	Order
<input checked="" type="checkbox"/>	Mono	Fe	259.94	0.22712	1
<input checked="" type="checkbox"/>	Mono	Fe	238.207	0.24446	1
<input checked="" type="checkbox"/>	Mono	Al	396.152	1.9683	1
<input checked="" type="checkbox"/>	Mono	Cr	205.571	0.25602	1
<input checked="" type="checkbox"/>	Mono	Cr	283.563	0.33583	1
<input checked="" type="checkbox"/>	Mono	Cr	206.164	0.36688	1
<input checked="" type="checkbox"/>	Mono	Y	371.029	0.07038	1

US EPA compliant QC with **user-defined actions**

**Step by step assistant** for method development

Unit	Element factor	Scale factor
g/mL	1	1
mg/L	1	1000000
µg/L	1	100000000
%	1	100
g/L	1	1000
ppm	1	1000000
ppb	1	100000000
%Al <sub>2</sub> O <sub>3</sub>	1.889	100
%K <sub>2</sub> O	1.51	100

Multiple units, including user defined units, **conversion capability**

## Method development

- Interference free lines by visual display using S<sup>3</sup> wavelengths database
- Unique HDD mode to remove the need for optimization of High Voltage
- Multiple measurement parameters with Gaussian, Maximum and Mean mode
- Multiple calibration mode

## Sequence

- SmartRinse for automatic monitoring of rinse efficiency between 2 samples
- Automatic control of the quality with limits on correlation coefficient and on recalculated concentrations
- Use of multiple methods in a single sequence

## Results

- Archive capability
- Reprocess capability with integrity of raw results
- Reports with user's selectable data
- Customization of reports with logo, instrument name...
- Print and export results for LIMS

## Quality Control Protocols

- Fully US EPA compliant QC protocols with ICV, CCV, LCS, Interference Check, Paired samples, Spikes, and more.
- Automated actions in case of value out of specifications from stop analysis to calibrate and repeat samples from the last valid QC

Ask for an online demonstration at [info-sci.fr@horiba.com](mailto:info-sci.fr@horiba.com)

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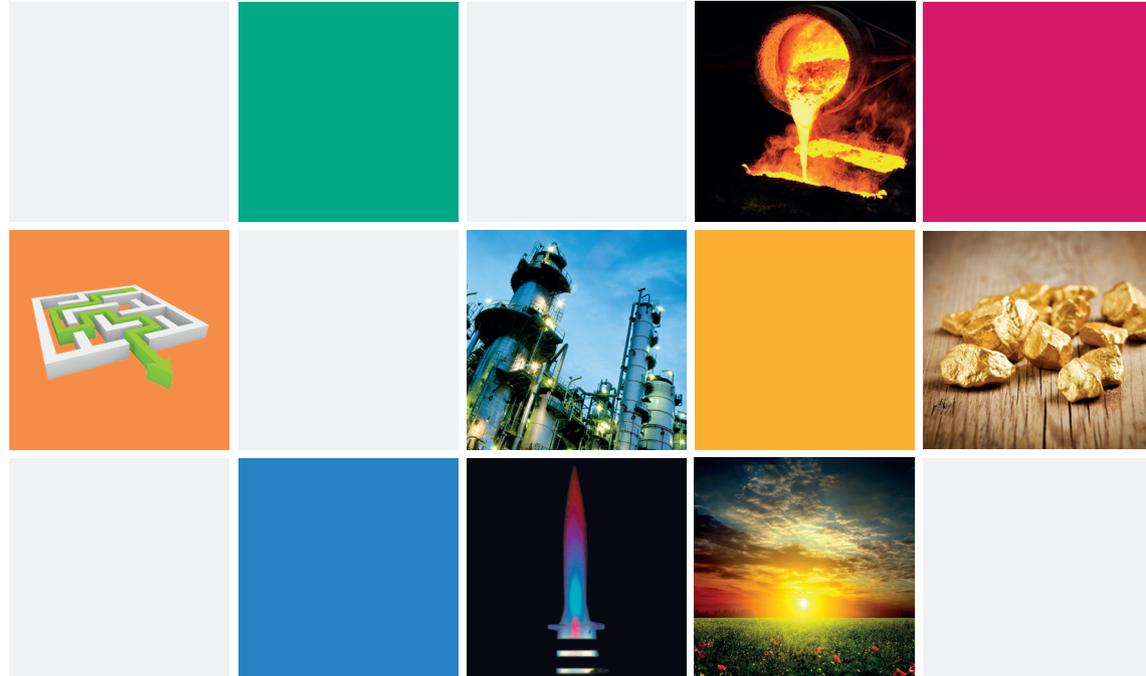
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## Follow Us



## Other Features

- **Multiple users capability**
  - Logon with password allows for multiple users operation
  - Logoff and logon is possible without stopping the sequence for increased flexibility
- **Contextual tool bar** adapting the content with the window selected
- User defined windows display on the screen with possibility to hide windows
- User defined **maintenance warnings**
- **Diagnostics**
  - Real-time information on instrument status with filter selection, slits positions, grating position and PMT selection
  - Zero order and Reference acquisition with graphic display