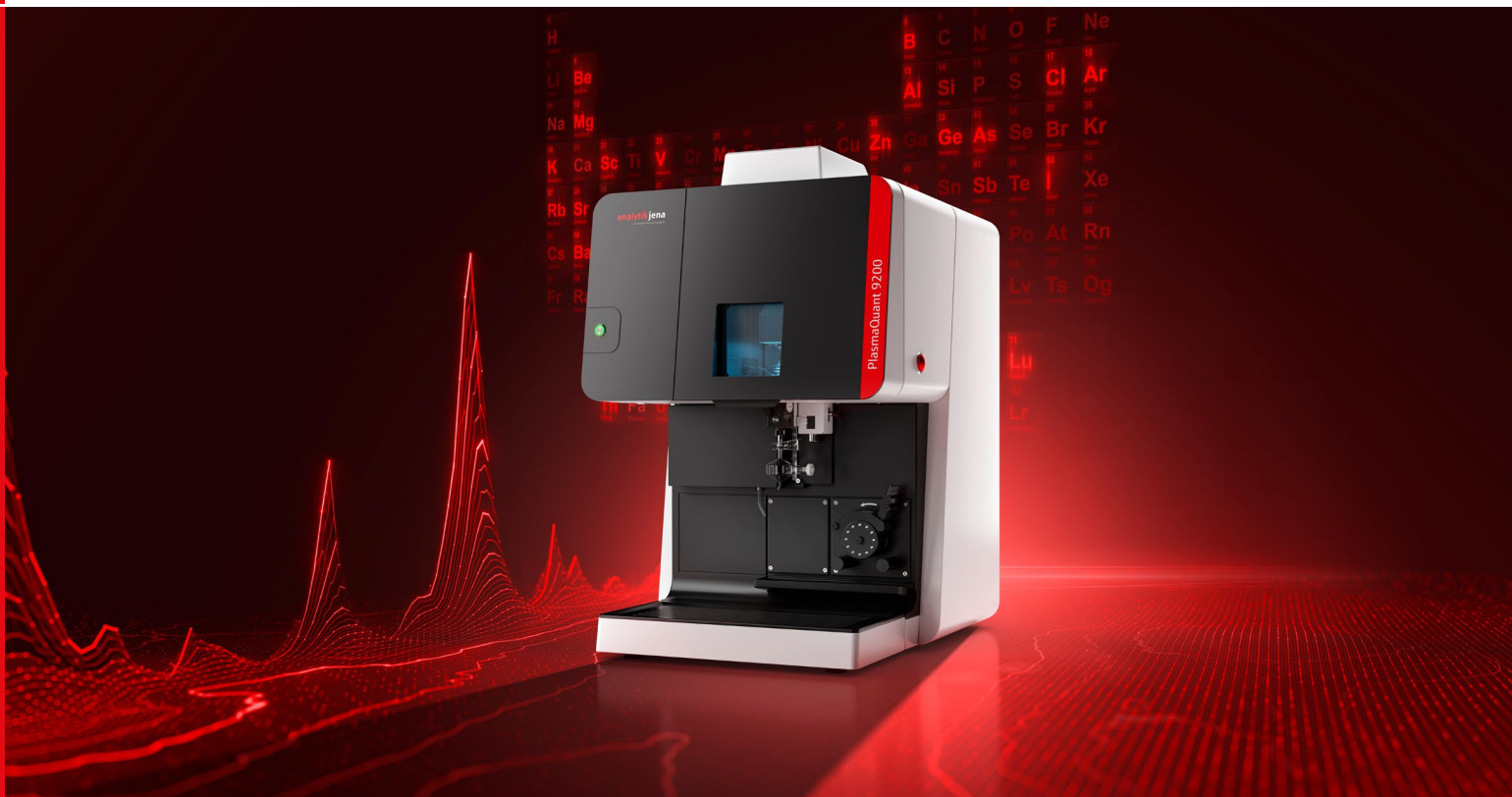


PlasmaQuant 9200 Series

Compact Size. Peak Performance.

Upgrade Your ICP-OES Potential



Benefits at a glance

- **Analytical excellence:**
Unparalleled resolution and best detection limits with long-term stability
- **Space-saving powerhouse:**
Fast instrument start-up, robust plasma and smallest footprint on the market
- **Simply reliable:** Effortless handling, easy consumable replacement, and full flexibility

Discover market-leading resolution and unmatched matrix tolerance in a compact analyzer. Experience efficiency, easy handling, and the smallest footprint in the ICP-OES market.

Upgrade now

Take advantage of the latest innovation and set a new benchmark in ICP-OES technology. This flyer gives you an overview of the benefits of the new PlasmaQuant 9200 compared to its predecessor.



Contact your local sales representative
or e-mail us at sales@analytik-jena.com!



More information on the PlasmaQuant 9200 series at
www.analytik-jena.com/plasmaquant9200



Design

	PlasmaQuant 9200	PlasmaQuant 9100
Size	Smallest footprint on the market, width of 60 cm	Average footprint, almost 100 cm width
Tray	Demountable tray for additional space for sample introduction and handling accessories	Limited space below V-shuttle torch, no demountable tray
Weight	123 kg	170 kg
Drainage channel	Demountable drainage channel	No drainage channel
Cooling capacity	> 1.8 kW	> 3.3 kW

Plasma Generation

	PlasmaQuant 9200	PlasmaQuant 9100
Generator	Solid-state 27 MHz generator	Free running 40 MHz generator
Plasma power	from 700 W to 1,700 W	from 700 W to 1,700 W
Grounding	Virtually center grounded	Plasma shielding (bonnet)
Average argon consumption (high salt samples at 1400 W)	<ul style="list-style-type: none"> Plasma gas: 8.5 L/min Auxiliary gas: 1.0 L/min Nebulizer gas: 0.5 L/min 	<ul style="list-style-type: none"> Plasma gas: 15 L/min Auxiliary gas: 1.0 L/min Nebulizer gas: 0.5 L/min
Cooling capacity	> 1.8 kW	> 3.3 kW
Plasma check	Check with integrated camera	No plasma observation possibility

Accessories & Consumables

	PlasmaQuant 9200	PlasmaQuant 9100
Autosampler compatibility	<ul style="list-style-type: none"> ASPQ 3300, ASX 560 XLR 860, ASX 280 	<ul style="list-style-type: none"> ASPQ 3300, ASX 560
Sample introduction kits	<ul style="list-style-type: none"> Standard kit, organic kit, HF kit, salt kit Precision kit 	<ul style="list-style-type: none"> Standard kit, organic kit, HF kit, salt kit
Available chillers	<ul style="list-style-type: none"> Labtech water/air Van der Heijden water/water Alternative water/air chiller with R290 climate friendly coolant 	<ul style="list-style-type: none"> Labtech water/air Van der Heijden water/water

Device Software

	ASpect PQ 1.4.0 (new version)	ASpect PQ 1.3.2
Optimized measurement order	Automated sorting of absorption lines by axial/radial and wavelengths	Time is lost due to unnecessary crate movements, manual sorting is necessary
FDA 21 CFR Part 11 compliance	<ul style="list-style-type: none"> Up to nine, freely adjustable user levels with individual rights User authentication via Active Directory possible 	<ul style="list-style-type: none"> Four pre-defined and fixed user levels Only local user management possible
Windows compatibility	Up to Windows 11	Up to Windows 10

