

LEYSPEC Carts

For independent
residual gas analysis

 **Leybold**



LEYSPEC Carts in a nutshell



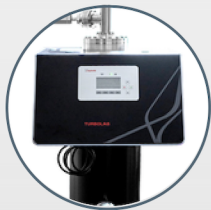
LEYSPEC 100S for sensitive residual gas analysis



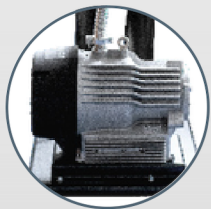
UHV all metal fine dosing valve for pressure-independent gas analysis



High performance turbo pump for fastest measurement readiness



TURBOLAB control for easy operation and monitoring



SCROLLVAC 7 plus for reliable and oil-free backing pump pressure



Movable on wheels for mobile testing



Mobile visibility

Experience unrivalled gas analysis with the LEYSPEC cart

The combination of a high performance pumping station TURBOLAB with a LEYSPEC residual gas analyzer offers efficient and flexible gas analysis, regardless of your pressure. Moreover it can be connected to any process using a fine-dosing UHV valve.

Bakeout is possible through the all-metal construction which allows a clean operation during residual gas analysis.

Meaning: you can perform it wherever needed, being fully mobile for many processes and applications.

Your advantages

- Pumping system with turbo pump TURBOVAC 250 i and dry backing pump SCROLLVAC 7 plus for quick measurement readiness
- Integrated process control via the TURBOLAB pumping station
- Very easy and intuitive operation via the LEYSPEC software
- Mobile residual gas analysis at any point of your process or chamber
- Bakeable to fully focus on your process gases
- Pressure independent residual gas analysis – even under atmospheric pressure

Technical data

LEYSPEC view 100 S		
Mass range	amu	1-100
Mass filter type		QMS
Detector type		Faraday cup
Sensitivity	A/mbar	1×10^{-5}
Minimal detectable partial pressure	mbar	1×10^{-10}
Max. operating pressure	mbar	1×10^{-4}
Filament material		Ir/Y2O3
Max. bake out temperature (electronics removed)		250 °C
Software		LEYSPEC software
Resolution		M/DeltaM = 1M (10%PH)

Ordering Information

LEYSPEC Cart 100 S	504901V001
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Pioneering products. Passionately applied.

