Leybold

LEYSPEC Carts

For independent residual gas analysis

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

LEYSPEC Carts - Mobile visibility

Experience unrivalled gas analysis with the Leybold 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 now possible through the all-metal construction which allows a clean operation during residual gas analysis. Thus, you can perform it wherever needed, being fully mobile for many processes and applications.

ADVANTAGES AT A GLANCE:

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

Order Information	
LEYSPEC Cart 100 S	504901V001

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Pioneering products. Passionately applied.

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