



# PHOENIX L500i

High end leak detection  
for industry and research



# The PHOENIX L500i leaves nothing to be desired!

The PHOENIX L500i helium leak detector opens new dimensions for productivity. The intelligent and ergonomic design sets it uniquely apart from other helium leak detectors. Profit from the best reliability and fastest measurements. The PHOENIX L500i fulfils even your highest demands.



## FASTEST MOBILE LEAK DETECTOR ON THE MARKET

- High helium volume flow rate for short testing times
- Fast and reproducible test findings
- Outstanding ease of operation and display of the measurements
- Integrated data storage for preparing test reports for efficient quality assurance
- Global mains voltage compatibility
- Rugged industrial version with an appealing design

## ADVANTAGES OF THE USER INTERFACE

- Simplified leak detection through intuitive control
- Standby/timer function facilitates operational readiness right at the start of a shift (energy and time savings)
- User/product profile minimise operator errors and maximises user efficiency
- Report functions for various test procedures
- Extremely rugged, tough touch monitor
- Barcode scanning for increased work speed (optional)
- Eco mode enables shutting off the auxiliary pump during long measurements (energy saving)

# Intuitive operation – clear and self-explanatory display



## START AND STOP BUTTON

Energy-saving standby and timer function



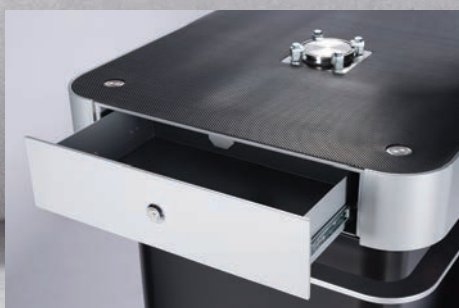
## TREND VIEW

Everything at a glance



## TERMINAL PANEL WITH INTERFACES

Multifunctional interfaces



## LOCKABLE

Everything in one place for secure storage

## PORTABLE, FLEXIBLE UNIT

Convenient work station on castors



## HIGH-QUALITY TOUCH MONITOR

Aluminium housing with glass front, splash-proof IP 65



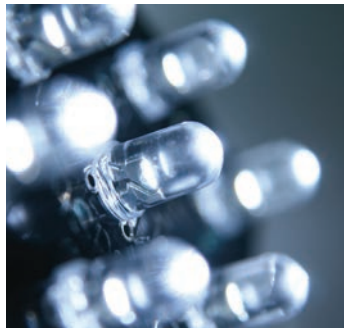
# Always one step ahead

## TYPICAL APPLICATIONS IN QUALITY ASSURANCE

### AEROSPACE



### ELECTRICAL ENGINEERING



### AUTOMOTIVE INDUSTRY



### VACUUM COMPONENTS



## TECHNICAL DATA

Smallest verifiable leak rate	< 1 * 10 <sup>-11</sup> mbar l/s
Maximum reliable inlet pressure	1000 mbar
Verifiable masses	2, 3, 4 amu
Time until ready for operation	< 3 min
Inlet flange	DN 63 ISO-K
Helium volume flow rate	<50 l/s
Response time	< 1 s
Operating voltages, 3-Ph/N/PE, 50/60 Hz	200/208/380/400/460 V
Weight	385 kg
Dimensions (L x W x H)	999 x 630 x 1026 mm

## HIGHLIGHTS

- The fastest leak detector on the market
- User-friendly control
- Award-winning industrial design
- Uniquely fast measurement readiness

## ORDERING INFORMATION

PHOENIX L500i DRY	503504V903
PHOENIX L500i	503504V904



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**reddot award 2014**  
winner industrial design

