

# TAPIR HL 2216 A

Leak detector



## High performance

Highly sensitive leak detection, minimum detectable leakage rate of  $5 \cdot 10^{-10}$  Pa · m<sup>3</sup>/s in sniffing mode, rapid response time due to high pumping speeds, for almost all applications, spray test and sniffing leak detection with helium or hydrogen

## Control and monitoring

High definition color display for maximum readability, intuitive menu navigation, SD memory card for saving and downloading all relevant data, customizable parameter settings

## Reliable

Dependable operation due to redundancy of two long-life yttrium-coated iridium filaments

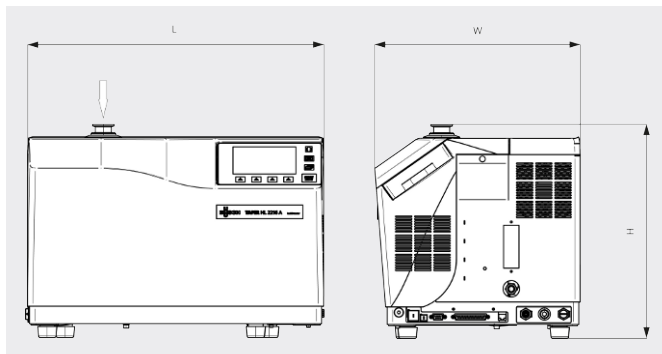
### Accessories

- Helium spray gun kit
- Sniffing probe
- Inlet filter 5 µm
- Inlet filter 40 µm
- Transport Trolley
- Power connection, 2.5 m, UK

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Dimensional drawing



TAPIR HL 2216 A	
Pumping speed for helium	2.5 l/s
Response time (sniffing leak detection)	< 1.5 s
Minimum detectable leakage rate for helium (spray test)	$5 \cdot 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$
Minimum detectable leakage rate for helium (sniffing leak detection)	$5 \cdot 10^{-10} \text{ Pa} \cdot \text{m}^3/\text{s}$
Detectable gases	$^4\text{He}$ ; $^3\text{He}$ ; $\text{H}_2$
Test method	Spray test and sniffing leak detection
Start-up time (20 °C) with calibration	< 4.5 min
Start-up time (20 °C) without calibration	~ 3 min
Backing pump	Oil-lubricated rotary vane vacuum pump
Pumping speed of backing pump (50 Hz)	15 m <sup>3</sup> /h
Max. power consumption	850 W
Power supply	200–240 V (50/60 Hz)   100–110 V (50/60 Hz)   90–130 V (50/60 Hz)
I/O interfaces	RS-232; USB; configurable 37 pins I/O
Operating temperature (sniffing test)	0–40 °C
Operating temperature (spray test)	0–45 °C
Noise level (ISO 2151)	54 dB(A)
Weight approx.	56 kg

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VACUUM SOLUTIONS

TAPIR HL 2216 A	
User interface	Color touch screen (detachable)
Dimensions (L x W x H)	547 x 375 x 393 mm
Connecting flange	DN 25 ISO-KF

## DO YOU WANT TO KNOW MORE?

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