



PORTABLE HELIUM LEAK DETECTOR
ASM 310





The ASM 310 goes wherever you need to get the job done!

The efficiency of a product is mainly based on its performance to address a specific market. Although this seems obvious, history shows that helium leak detection offer was always performance oriented instead of addressing a specific targeted market needs. For instance, today it is difficult to go beyond two specifications; helium sensitivity and helium pumping speed as they became customers' only two selection criteria.



21 kg: this feather weight packs a big punch!

› Industry



› Storage tanks



› Analytical instrumentation and research



› Semiconductor



› Gas industry



› Electrical power



The ASM 310 is revolutionary

Our challenge was to design a helium leak detector that could combine performance, small footprint, user-friendliness and light weight without compromises. The ASM 310 is the end result of a concentrate of know-how that will go wherever you need to go.



Powerful...

- 1,7 m³/h Roughing capacity
- 1,1 l/s Helium pumping speed
- 15 mbar Crossover pressure
- 5.10⁻¹² mbar.l/s sensitivity
- Oil free operation



Adaptable...

Ultra Light and easy to move

- Feather weight: 21 kg (46 lb)
- Smart design with retractable handle
- Accessories: Travelling case and trolley



Flexible and versatile

- Can be operated in any position
- Removable operator interface
- Large bright screen that can be easily read from any angle
- Very small footprint (845 cm² / 133 in²)



Intelligent...

Intuitive

- Color Touch Screen
- Color Graph Function
- Recording and Downloading Capabilities
- SD Memory Card
- Dynamic vacuum schematic
- Voice synthesizer
- Free ASM View Software

Customizable

- Selectable Main Display
- On-Demand Operating Interface*
- Password Protected Display

* HK Concept

Technical specifications

TECHNICAL SPECIFICATIONS	
Vacuum mode	
Minimum detectable helium leak	5.10 ⁻¹² mbar.l/s
Maximum inlet test pressure	15 mbar
Helium pumping speed	1,1 l/s
Roughing capacity	1,7 m ³ /h
Sniffing mode	
Minimum detectable helium leak	1.10 ⁻⁷ mbar.l/s
Response time	< 1 s
INTEGRATED FUNCTIONS	
Tracer gases	He4, He3, H2
Helium background supression	auto / manual
Operator interface	color touch panel display
Selectable languages	English, French, German, Italian, Spanish, Russian, Japanese, Chinese, Korean
Interface	RS 232
I/O interface	yes
Warming time	< 2mn ; < 3,5 with autocalibration
Inlet port	DN25 ISO KF
Dimensions	350x245x414 mm (14x10x16 inch)
Weight	21kg (46lb)
ENVIRONMENTAL SPECIFICATIONS	
Universal voltage	100 - 240 VAC - 50/60 Hz
Max. consumption	300 VA
Operating temperature	10 to 40° C
Protection	IP 20

PART NUMBER	
BSAA0000MM9A	

Power cables	P/N
UK	104411
Italy	104758
Switzerland	103718

Accessories	P/N
Remote control	106688
Trolley	114820
Travelling case	115191



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