



# ASM 142 S

The ASM 142 S is an industrial sniffer helium leak detector that provides ruggedness and performance for a 24 h/day use, even in harsh environments. It can be equipped with an internal calibrated leak, allowing an auto calibration of the product.





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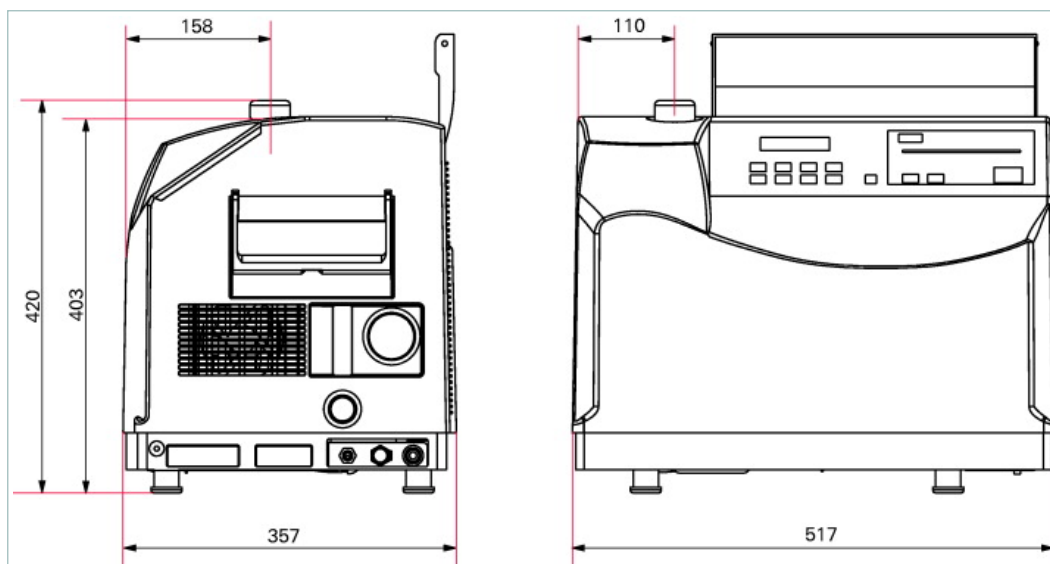
## ASM 142 S, 5 m sniffer probe with rigid 9 cm nozzle, English language, 110/130 V and US power cable

- 110/130 V operating voltage
- US power cable
- Voice synthesizer in English
- Sniffer probe with 5 m hose and rigid 9 cm nozzle
- Special remote control for sniffing leak detectors available as an accessory

The special remote control for sniffing leak detectors displays the value in the unit chosen on the leak detector

Three masses leak detection instead of only helium available upon request

### Dimensions



Technical Data	ASM 142 S, 5 m sniffer probe with rigid 9 cm nozzle, English language, 110/130 V and US power cable
Backing pump	with oil sealed backing pump
Detectable gases	$^4\text{He}$
Dimensions (L x W x H)	517 x 357 x 420 mm   20.35 x 14.06 x 16.54 inch
Language	English
Mains cable	US power cable
Measurement range	$1 \cdot 10^{-7}$ to 1 mbar l/s helium (0.1 ppm to 100 % helium)
Minimum detectable leak rate for helium (sniffing leak detection)	$1 \cdot 10^{-8}$ Pa m <sup>3</sup> /s   $7.5 \cdot 10^{-8}$ Torr l/s   $1 \cdot 10^{-7}$ mbar l/s
Noise level	57 dB (A)
Operating temperature	0-45 °C   32-113 °F   273-318 K
Start-up temperature	10-45 °C   50-113 °F   283-318 K
Start-up time (20°C) without calibration	2 min
Supply	110-130 V, 50/60 Hz
Test method	Sniffing leak detection
Type	Mobile
User interface	Basic user interface
Weight	55 kg   121.25 lb

Order number	
ASM 142 S	U0RS0A10B710

Accessories	
<b>Remote control for sniffing leak detectors</b>	
Remote control for sniffing leak detectors, 5 m cable	112747

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