

# ASI 35

Leak detectors

**PFEIFFER**   
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



## Flexible

Modular design, small footprint, easy integration into any leak detection system

## Accurate

High sensitivity, repeatable measurements, suitable for short cycle time and high production throughput

## Robust

High reliability, long maintenance intervals

Accessories, spare parts and options

- Cable
- Sniffer probe with different hose length
- Communication interface compatible with industrial standards
- Sniffer module

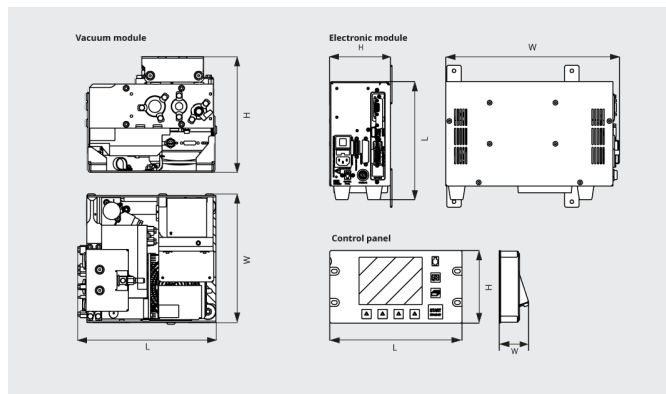
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Dimensional drawing



| ASI 35                                                               |                                                                         |
|----------------------------------------------------------------------|-------------------------------------------------------------------------|
| Test method                                                          | Spraying and sniffing tests                                             |
| Detectable gases                                                     | $^4\text{He}$ ; $^3\text{He}$ ; $\text{H}_2$                            |
| Min. detectable leak rate for Helium (spraying test)                 | $5 \cdot 10^{-12}$ mbar l/s / $5 \cdot 10^{-13}$ Pa m <sup>3</sup> /s   |
| Min. detectable leak rate for Helium (sniffing test)                 | $1.5 \cdot 10^{-8}$ mbar l/s / $1.5 \cdot 10^{-9}$ Pa m <sup>3</sup> /s |
| Pumping speed for Helium                                             | 6 l/s                                                                   |
| Max. test inlet pressure                                             | 18 mbar                                                                 |
| Start-up time (20 °C)                                                | <3 min                                                                  |
| Operating temperature                                                | 10 - 45 °C                                                              |
| Communication interfaces                                             | I/O, RS-232, Profibus, Profinet                                         |
| Inlet port                                                           | DN 25 ISO-KF, DN 16 ISO-KF                                              |
| Dimensions (L x W x H) vacuum module                                 | 279 x 264 x 235 mm                                                      |
| Dimensions (L x W x H) electronic module                             | 216 x 317 x 111 mm                                                      |
| Dimensions (L x W x H) control panel                                 | 241 x 54 x 133 mm                                                       |
| Weight approx. ( Vacuum module / Electronic module / Control panel ) | 15 / 5 / 1.3 kg                                                         |
| Power supply                                                         | 90-240 V (50/60 Hz)                                                     |
| Max. power consumption                                               | 300 W                                                                   |

**DO YOU WANT TO KNOW MORE?**

Get in touch with us directly!



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