

Sensistor Hydrogen Leak Tester



Simple to use, and incredibly sensitive.

Hydrogen trace gas testing allows you to test products and packs with incredible sensitivity. Hydrogen gas testing is more sensitive than pressure decay, it is cheaper and easier to use than helium and it locates as well as quantifies leaks.

Hydrogen is the lightest of all tracer gas molecules. It has the lowest viscosity of all gases (easy to fill, evacuate and dissipate) and has a low background levels (0.5 ppm). Perfect for use as a trace gas. Non flammable (when diluted 5% in N₂), non toxic and non corrosive.

The equipment is simple and robust, requires no vacuum or pumping, is easy to calibrate and requires no maintenance.

It is perfect for testing medical devices: rigid and flexible. Results and testing times are not influenced by internal volumes of test items or temperatures. Measurements are accurate to 5x10⁻⁷ ml/s.

Hydrogen testing is perfect for testing impermeable pouches and blisters. It spreads fast and passes through leaks rapidly.

It is perfect for validating glove boxes and safety cabinets.

It is ideal for catheters, pouches, delivery devices, bags, blisters, fluid paths and much, much more.

Technical Data

Property	Data
Testing property	Trace gas integrity test.
Test technique	According to URS
Typical substrates	Medical devices and packages
Leak resolution	0.1g H ₂ per year
Calibration	Against standard H ₂ source
Electrical protection / supply	Mains or battery
Dimensions (width x height x depth)	275mm x 155mm x 170mm
Weight	4.65 kg