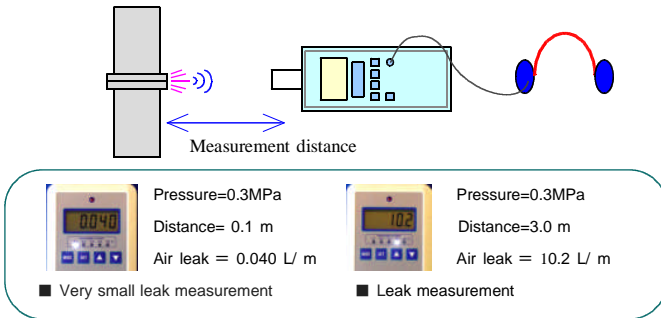


COM-1010PRO

Air Leak Detector

They are earth environment and the time when the problem of energy saving is told with strong concern. In order to reduce the amount of discharge of carbon dioxide, it is said that it is important to cut down consumption of electric power. However, I think that it is difficult to cut down consumption of required electric power. However, it is possible to reduce the useless amount of the electric power used, and the easiest method is preventing the useless air leak from piping of much air apparatus currently used at the factory etc.



COM-1010PRO, The part to which air has leaked from the junction of piping, etc. is searched. An ultrasonic wave is also generated at the same time air leaks from a small hole. The numerousness of quantity which measures the generated ultrasonic wave and leaks, and the level of strength display numbers 0-100 on a liquid-crystal-display machine. Moreover, air leak sound can be precisely heard by attached headphone. Sensitivity can be set up in a range of a maximum of 60 dB with the push-button switch of the digital volume which adjusts sensitivity to 1-64 steps according to the strength of a leak. The distance from the part which is carrying out the air leak to the tip of COM-1010PRO, and the pressure value in piping are set up. The quantity from which air has leaked can be displayed. (L / minute)

■ The example of application

- Air leak investigation of piping of the air apparatus currently used at the factory.
- Leak investigation from a piping junction etc. which sends the compressed air currently used for the robot for industry.
- Air leak investigation from the air piping junction currently used for the bus and the track.
- Argon gas and the air leak inspection from carbon dioxide piping.
- The air leak inspection from the welding part and crack part of various tanks.
- The leakage-of-the-sound inspection of a speaker box.
- Other leak inspections

High detecting ability

■ COM-1010

A COM-1010 air leakage detector can be detected from very little air leaks to a lot of air leaks. The air leakage detector can detect the air leak from a near place and a distant place. When there are many amounts of air leaks, it can detect easily by restricting an air leak signal by attaching an attached cone phon at the tip of a sensor.



- Size: 140 (sensor+35) x 77 x 28 mm
- Weight: 190g (with no battery)
- Accessories : Case , Headphone , A phon 80 mm in length , AA alkaline battery 4 , Operation manual

■ Specification

- | | |
|--|---|
| ■ Measurement display :0-100 Digital display | ■ Beep output :Headphone jack output |
| ■ Sensitivity adjustment :1-64 Stage digital volume | ■ Auto-power-off :It is power supply cutting 30 minutes after switch operation. |
| ■ Signal frequency :40KHz | ■ Power supply :AA alkaline dry cell (4 pieces) |
| ■ Size :165mm (sensor+35) x 80mm x 35 mm | ■ Weight :255 g (with no battery) |
| ■ Distance setup :0.1 , 0.5 , 1.0 , 2.0 ,3.0 m | (The amount display mode of air leaks) |
| ■ Pressure setup :0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7MPa | (The amount display mode of air leaks) Pressure in piping |
| ■ The amount display of air leaks : 0.00 L / minute - 50L / minute | |
- (When 10 magnification adapter is attached, the amount indicated value of air leaks is increased 10 times, and is read)

■ Composition

COM-1010PRO , Case , Protective cover , Headphone , 10 magnification adapter , Laser pointer , AA alkaline dry cel l (4 pieces), Operation manual

- Note :
1. 3.0 m of a distance setup grows into the distance set up when displaying not the maximum detecting ability but the amount of leaks from piping.
 2. The amount of air leaks is based on the data which measured the ideal air leak. Measured value may not suit according to air leak measurement conditions.
 3. 10 Magnification Adapter Attenuates Air Leak Signal to 1/10.



Crevice detector

By maintaining the confidentiality of the room, it prevents pollen and allergen invading, and air conditioning efficiency is raised and it grows also into energy saving. The air leakage detector of our company not only can detect the air leak of piping etc., but it can use it as a crevice finder. The crevice between sealed space, such as a housing door, a window, a refrigerator, a safe, a window of a car, a case, and an airtight chamber, can be investigated easily.



COM-1010 , COM1011 (ultrasonic transmission machine) , Headphone , Phon , Aluminum suitcase

Development manufacturer

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