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## Application

Oxygen devices have to be absolutely clean from oil and grease. Also many other devices have to be kept clean. They have to be tested on air, water or other suitable liquids. This oxytester (oil-water separator) guarantees an absolute separation between reference liquid of the calibration equipment and the device under test liquid. The separator is sometimes used to prevent a tester from being contaminated by solids or liquids from gauges being calibrated.

## Description

The device under test is mounted on the 1/2" BSP stainless steel connection on the top of the separator and is connected to the interior of the viton rubber sac. The device under test and interior of the viton sac is being filled with the test liquid (water / alcohol etc.). The sac is fitted into a test chamber which is filled with oil and connected to for instance an oil deadweight tester. Bleed screws are provided to bleed air from the test liquid and from the oil. The viton sac can easily be dismantled for cleaning and replacement.

## Test medium

The most common test fluids are water, hydraulic oil and solvents such as tetrachloride, toluene, benzene, xylene or industrial alcohol. They are suitable with the viton sac. When the test liquid is skydrol (brake fluid) an EPDM sac should be used.

## Accuracy

The additional uncertainty introduced by the oxytester can be as small as 200 .. 500 Pa with carefull use, however with air trapped into the system can be as large as 1400 .. 2800 Pa.

## Pressure rating

The seal is suitable for use at pressures up to 700 bar. The lowest graduation of pressure gauge which can be calibrated is dependent upon the accuracy required.

## Dimensions

420 x 230 x 260 mm

## Weight

Nett 8,75 kg
Gross 9,5 kg