

# VISCO DENS PLUS

## Test Device for measuring the Viscosity of liquids

The measuring method of the VISCO DENS PLUS based on the falling time of a metal ball in the test solution which should be analyzed.



### Features:

- Measuring range  
Viscosity: 1 - 999 mm<sup>2</sup>/s
- Measuring range  
Density: 0,82 – 1,05 g/ml
- Measuring temperature: 40°C, 50°C, 80°C
- Sample: approx. 200 ml
- Accuracy: +/- 3 %

### Benefits:

- Only one test device for two applications, which results are important for the oil quality
- Available faults could recognize and repair in time to avoid high maintenance costs
- Easy to use with a clear and simple menu navigation



For measuring viscosity a part of the oil sample is filled in the metal tube. The ball is inserted carefully and the rest of the sample until the metal tube is full. The closed tube is put into the test device to heat up. If the chosen temperature is achieved the tube is turned over and the falling time is measured automatically.

This procedure has to be done five times and the last three results, which should be constant, are relevant for the end result.

For measure the density, the metal tube including ball and oil sample in the device is heated up to 50°C. One hydrometer is given carefully in the tube to the sample and after a short time the result is readable at the hydrometer.

Notice: The measurement is in accordance with a density at 15°C.