

**Machu-Test
Bath
Model 530**

**Bac-Ford-
Bath
Model 531**



Bac-Ford-Bath, Model 531



Machu-Test Bath, Model 530

testing equipment for quality management

ERICHSEN
since 1910

Technical Description

Model 530
QUALICOAT, QIB

Model 531
**AFNOR, EN ISO, ISO,
Renault, PSA**

Machu-Test-Bath, Model 530

The **Machu-Test-Bath, Model 530**, is developed for short-term immersion corrosion tests. The test is made in a warm and acidic test solution at a temperature of 37 °C for a duration of 48 h. The test solution consists of sodium chloride, acetic acid and hydrogen peroxide. After a test period of 24 h the test solution has to be renewed and the pH value corrected by using hydrogen peroxide.

The Machu test is used to obtain the **QUALICOAT label** and works according to the requirements of QIB (Quality Community for Industrial Coating).

The **Machu-Test-Bath** container with top cover is made of Polypropylen, and is equipped with a thermometer and circulation pump.

Because of the aggressive test solution a smaller container is integrated to place the test panels inside. The bottom of the test container is equipped with slots to place the test panels with an angle of 15° or 20°.

The test panels need to be scratched crosswise with a 1 mm cutting tool through the coating to the metal by a scratching tool. We recommend our Scratching Tool according to Sikkens, Model 463.

Technical Data

Dimensions:

Bath-Container approx. 540 x 400 x 260 mm

Test-Container approx.. 350 x 300 x 240 mm

Weight (net): approx. 18 kg

Temperature: 37 °C +/- 1 °C

Test duration: 48 h +/- 0,5 h

Power supply: 230 VAC

Bac-Ford-Bath, Model 531

The **Bac-Ford-Bath, Model 531**, is developed as well as the Machu-Test-Bath for performing immersion corrosion tests on coated test panels.

The construction of the **Bac-Ford-Bath** is similar to the Machu-Test-Bath. The test panels are placed directly into the bath with no separate container.

The bottom of the test container is equipped with slots to place the test panels with an angle of 15° or 20°.

The test samples will be immersed in distilled water for some days at a temperature of 40 °C.

Technical Data

Dimensions: approx. 600 x 400 x 260 mm

Weight (net): approx. 18 kg

Temperature: 40 °C +/- 1 °C

Power supply: 230 VAC

Order Information	
Order.-No.	Product-Description
0530.01.51	Machu-Test-Bath, Model 530, incl. thermostat
0531.01.51	Bac-Ford-Bath, Model 531, incl. thermostat

The right of technical modification is reserved.
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