

FEATURE BENEFITS OF THE SITA *DynoTester*

- Easy to use – begins measuring immediately
- Regulates surface age automatically – no more drift and no manual work required
- Preset parameters reliably prevent measurement deviations through incorrect use
- Measured values stored directly
- Measured values can be compared with all SITA tensiometers

DIRECT ACCESS OF FUNCTIONS

Selection of bubble lifetime
Start of a measurement
Cleaning the capillary
Automatic calibration of the device
Storage and read-out the measured values

HIGH-SPEED STORAGE OF THE FOLLOWING VALUES

Surface tension
Temperature
Bubble lifetime
Date and time

TECHNICAL DATA

Measuring range of surface tension: 15 ... 100 mN/m
Resolution: 0.1 mN/m
Repeatability: 0.5 mN/m

Adjustable range of the bubble lifetime: 15 ... 15000 ms
3 bubble lifetimes can be preset
Maximum regulation deviation: 5 %

Measuring temperature range: 0 ... 100 °C
Maximum measuring deviation: 0.3 K

USB interface:

- Data transfer and administration
- External power supply through mains
- Charging of the integrated battery

25 storage positions

Integrated battery lasts for at least 10 h

Dimensions (W x H x D) in mm: 75 x 168 x 35
Length of sensor: 68 mm

Weight: 250 g

Splash-proof housing
Resistant to caustic and acidic splashes

Illuminated display

Acoustic signal at the end of every measurement

3 soft keys for selecting preset bubble lifetime

Stand for carrying out measurements during long lifetime of bubbles

SITA
MESSTECHNIK GmbH

Hand-held Tensiometer



SITA
MESSTECHNIK GmbH

Advanced Cleaning Control

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SITA *DynoTester*

Small yet precise.

SITA DynoTester

Reliable SITA technology at your fingertips:

MOBILE.



Small, light and with staying power and a battery to last at least 10 operating hours. Now you can measure surface tension on site, at the plant, at your customer's premises or at the laboratory. You can store up to 25 different data records in the instrument or output the data on your laptop. Everything you need wherever you go – at your fingertips!

PRACTICAL.



User-friendly operating concept, no long menu lists at multiple levels – all operating functions can be accessed directly through the keys!

The DynoTester is supplied with a stand for carrying out measurements on bubbles with a long lifetime.

PRECISE.



Three soft keys have been specially allocated for the bubble lifetimes which apply to your measuring requirements. The operator only has access to the preset values. This means that manipulations and gross measurement errors through incorrect use are practically excluded.

The measured values can be compared directly with values of other SITA laboratory tensiometers.

The direct way to validate measured values.

USES

- Controlling surface tension and surface-active cleaning baths in production and quality assurance
- Monitoring the surface tension of surface-active fluids at plants and laboratories
- Quality testing of ink-jet inks
- Testing in electroplating processes
- Quality control of raw material containing surface-active agents
- Portable use for in field users and customer support

Customer Support

Our application engineers will help you find the best way to use the SITA DynoTester for your specific application area.

We will carry out measurements of your samples and develop a suitable control process together with you. This will ensure that the measuring process is perfectly matched to meet your requirements.

