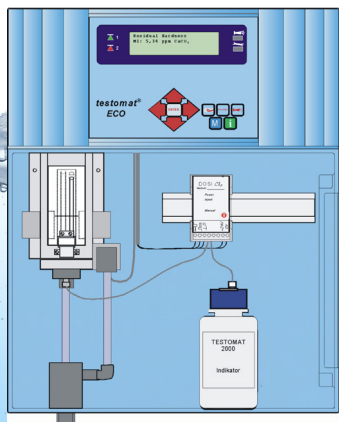


FUNCTIONAL OVERVIEW

TESTOMAT ECO® C

- Quick menu navigation
- 2 x 16 digit LCD clear text display
- Programmable hardness unit in °dH, °f, ppm CaCO₃, mmol/l
- Accurate titration via piston-dosing pump
- Reliable low maintenance operation
- Minimum indicator and water consumption
- Two adjustable limit values with programmable switch functions
- Analysis start:
 - automatic interval mode
 - quantity-dependent (impulse or turbine water meter)
 - external analysis STOP
- Output for alarm messages
- Monitoring of the analysis run and error display (e.g. low water)
- Indicator storage bottle 500 ml/16,9 oz for extended operating periods
- Analogue output 0/4 - 20 mA



Scan the code and visit us on our website!

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Flyer Testomat ECOC GB 210826

TESTOMAT ECO® C

AUTOMATIC MONITORING OF
HARDNESS INCREASE
IN SWIMMING POOLS



GEBRÜDER HEYL
Analysentechnik GmbH & Co. KG
Water is our Element

PERFORMANCE FEATURES

OVERVIEW OF TESTOMAT ECO® C

Testomat ECO® C determines carbonate hardness or acid capacity fully automatically via titration.

The measuring range is:

- 0.5-20.0°dH (carbonate hardness) and
- 0.18-7.16 mmol/l (acid capacity).

It is determined by the indicator selection. You can use the following indicators in Testomat ECO® C:

UNIT	TC 2050*	TC 2100
°dH (resolution)	0.5 - 5.0 (0.5)	1.0 - 20.0 (1.0)
°f (resolution)	0.90 - 17.9 (0.9)	1.79 - 35.8 (1.79)
ppm CaCO ₃ (resolution)	8.9 - 179 (8.9)	18 - 358 (18)
mmol/l (resolution)	0.18 - 3.58 (0.18)	0.36 - 7.14 (0.36)

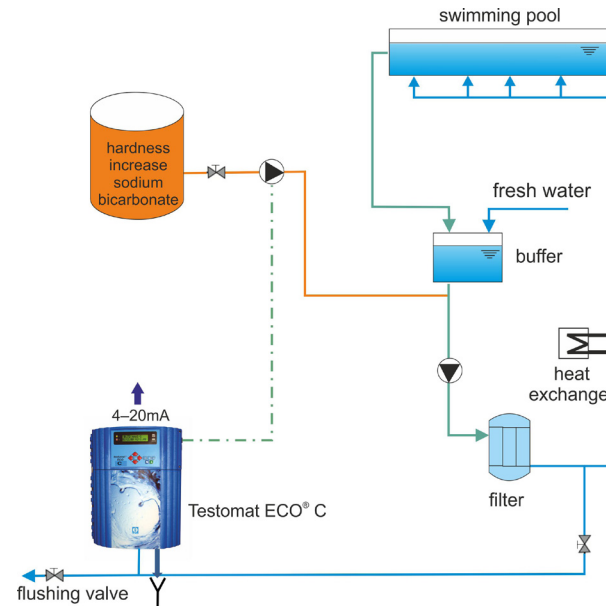
*extended measuring range

The instrument has been developed for monitoring and controlling the water quality in swimming pools. The hardness of the pool water will be increased fully automatically via online monitoring.

Of course it is possible to install the Testomat ECO® C for monitoring the water quality in water treatment facilities or drinking water plants, too.

CARBONATE HARDNESS

MONITORING IN SWIMMING POOLS



DIN 19643 recommends a lower limit of maximum 0.3 mmol in whirlpools and maximum 0.7 mmol in swimming pools. Our recommendation for optimum water quality is 1.5 – 2.0 mmol.

A precise analysis should be carried out at least once a week by means of titration/rapid test.

Use our titration test kit **DUROVAL® KS4,3** (art.-no. 400067) for a precise analysis of the acid capacity. The measuring accuracy is: 0-2.0 mmol/l at a resolution of 0.05 mmol/l.

TECHNICAL DATA

OF THE TESTOMAT ECO® C

Power supply: 24/115/230 VAC, 50 - 60 Hz
Instrument protection 230 V: T0.16 A
Instrument protection 115 V: T0.315 A
Instrument protection 24 V: T1.0 A

Power consumption: max. 25 VA, without external load

Protection class: I

Degree of protection: IP 65

Conformity: EN 61000-6-2,
EN 61000-6-4, EN 61010-1

BS EN 61000-6-4+A1, BS EN
61000-6-2, BS EN 61010-1+A1



Ambient temperature: 10 – 45 °C

Measuring range: Determinable measuring of total hardness (water hardness) via indicator selection

Current interface: 0/4 – 20 mA, max. load 500 Ohms

Dimensions: W x H x D = 380 x 480 x 280 mm

Weight: approx. 9.0 kg

The instrument is non volatile.

Mains water supply

Operating pressure: 1 to 8 bar or 0.3 to 1 bar after removing of the valve body out of the regulator/filter housing

Water temperature: 10 – 40°C

Water inlet: Opaque hose with 6/4x1 mm external diameter