

TESTING & MEASURING DEVICES

AD11 Waterproof pH/Temperature Pocket Tester

**Professional Waterproof
pH/Temperature Pocket
Tester with Replaceable Probe**



The **DRAGSYS AD11** is a professional waterproof pocket tester designed for measuring **pH and temperature** in liquid samples. Its microprocessor-based design provides fast and stable measurements, while the replaceable **AD11P pH/Temperature probe** allows simple probe replacement when required. Automatic temperature compensation and automatic pH calibration support convenient and reliable routine measurements.

Professional Waterproof pH/Temperature Pocket Tester with Replaceable Probe



The **DRAGSYS AD11** combines compact design, waterproof construction and practical measurement functions in a portable pH and temperature tester. The instrument features a dual-line LCD for displaying pH and temperature readings, together with a stability indicator that identifies when the measurement has reached stability.

The AD11 provides automatic temperature compensation for pH measurements and automatic calibration at one or two points with two selectable memorized buffer sets. Its modular design allows the **AD11P pH/Temperature probe** to be replaced easily, supporting convenient maintenance and continued use of the instrument.

Application:

- Laboratory testing
- Water quality testing
- Environmental measurements
- Educational laboratories
- Field measurements
- General liquid sample analysis

Quality and Expertise



DragSys is certified to ISO 9001:2015, reflecting our unwavering commitment to quality and excellence. We continuously optimize our production processes, ensuring that every step is efficient and effective. Through ongoing development and innovation, we strive to meet and exceed industry standards. Our customer-centric approach prioritizes the needs and satisfaction of our clients, driving us to maintain rigorous quality assurance protocols. This dedication ensures that Physiotherapy equipment manufactured by DragSys consistently meets the highest standards of quality and reliability.

DragSys testing & measuring devices are meticulously designed and manufactured from high-quality materials to meet the most rigorous requirements of our customers. Our commitment to excellence and innovation drives continuous development and improvement, informed by daily usage and ongoing technological advancements. 'Quality and Expertise' is not just about creating impressive product designs; it reflects our company's policy of prioritizing high preparedness and customer-centric service as our fundamental objective. This dedication extends to all DragSys products, which comply with current European standards and bear the CE mark.



The **DRAGSYS AD11** provides a practical combination of portability, waterproof construction and reliable pH/temperature measurement. With its replaceable probe, automatic temperature compensation, automatic calibration and compact pocket design, the AD11 is designed for convenient routine measurements wherever fast and dependable testing is required.



Features:

Waterproof Pocket Design

The waterproof housing provides protection against humidity and supports convenient use in demanding measurement environments.

Replaceable AD11P Probe

The supplied AD11P pH/Temperature probe can be easily replaced by the user, allowing simple maintenance without replacing the complete tester.

Automatic Temperature Compensation

All pH readings are automatically compensated for temperature, with the encapsulated temperature sensor providing temperature measurement and compensation.

Automatic pH Calibration

The AD11 supports automatic one- or two-point pH calibration with automatic buffer recognition and two selectable memorized buffer sets.

Dual-Line LCD

The dual-line LCD displays the primary measurement together with the secondary measurement, allowing pH and sample temperature to be viewed conveniently.

Stability Indicator

An hourglass stability indicator shows when the measurement has reached stability and the reading can be taken.

HOLD Function

The HOLD function freezes the displayed measurement for convenient recording.

Low Battery Indicator

A low-battery symbol appears on the LCD when the batteries become weak and require replacement.

°C / °F Temperature Display

Temperature values can be displayed in either °C or °F.

Automatic Shut-Off

The instrument automatically switches off after 8 minutes of non-use to help conserve battery power.

Specifications

Product Overview	
Product Type	Waterproof pH/Temperature Pocket Tester
Model	AD11
pH Range	-2.0 to 16.0 pH
Temperature Range	-5.0 to 60.0 °C / 23.0 to 140.0 °F
pH Resolution	0.1 pH
Temperature Resolution	0.1 °C / 0.1 °F
pH Accuracy	±0.1 pH
Temperature Accuracy	±0.5 °C / ±1 °F
pH Calibration	Automatic, 1 or 2 point
Memorized Buffer Sets	pH 4.01 / 7.01 / 10.01 or pH 4.01 / 6.86 / 9.18
Temperature Compensation	Automatic
Probe	AD11P pH/Temperature Probe
Battery Type	4 × 1.5 V, Button Type
Battery Life	Approx. 300 hours of use
Auto-Off	After 8 minutes of non-use
Operating Environment	-5 to 50 °C / 23 to 122 °F; RH 100%
Dimensions	175.5 × 39 × 23 mm
Weight	100 g
Supplied Accessories	AD11P – pH/Temperature Probe , AD70004 – pH 4.01 Calibration Solution, 20 ml sachet, AD70007 – pH 7.01 Calibration Solution, 20 ml sachet, Protective Cap, Clip Holder, Wrist Strap, 4 × 1.5 V Button-Type Batteries, Instruction Manual

Order Information:

Description	Model	Article number
Waterproof pH/Temperature Pocket Tester with Replaceable Probe	AD11	100170