



InLab® Solids
InLab® Solids Pro IP67
InLab® Surface
InLab® 413 SG
LE427
LE427-S7

InLab® electrodes for solid and liquid samples

InLab® Solids	Same as InLab® Solids Pro IP67 but with S7 connector (no cable included) and without integrated temperature probe (not IP67)	51343153
InLab® 413 SG	Rugged pH combination electrode with open reference connections (XEROLYT® polymer electrolyte) for measuring liquid samples, NTC30kΩ temperature sensor, 1.8 m cable BNC/RCA, IP67	51340288
InLab® Surface	Flat membrane combination pH electrode for measuring soft, moist surfaces (solid and semi-solid samples), S7 (no cable included)	51343157
BNC cable	InLab® S7-BNC cable, 1.2 m (for METTLER TOLEDO, Hanna etc.)	52300004
DIN cable	InLab® S7-DIN (19262) cable, 1.2 m (for WTW, Knick etc.)	52300001

Economic puncture electrode

LE427-S7	Same as LE427 but with S7 connector (no cable included)		51340334
BNC cable	S7 (red)-BNC cable, (for METTLER TOLEDO, Hanna etc.)	1.0 m	59902392
		3.0 m	59902417
DIN cable	S7 (red)-DIN (19262) cable, (for WTW, Knick etc.)	1.0 m	59902382
		3.0 m	59902408

METTLER TOLEDO pH electrodes can easily be connected to various 3rd party devices. You can find the matching cable in the cable handbook at www.electrodes.net.

Hygienic case for your equipment

Food Compact Case	Device case with removable and washable insert. Offers space for SevenGo™ and FiveGo™ units with 1–2 electrodes, reserve batteries, sample bottles, buffer liquid and small accessories.	30045010
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„Your local distributor“



METTLER TOLEDO is a system supplier for pH, conductivity, dissolved oxygen and ion measurement.

www.mt.com/pH

For more information

Mettler-Toledo AG
Analytical
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Subject to technical changes
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51725218A
Marketing pH Lab



Quality certificates

Development, production and testing under ISO 9001.



Environment management system

under ISO 14001.



“Communauté Européenne”. This mark assures you that our products comply with the latest guidelines.

pH Products



pH in Milk and Dairy Products

Quick, Reliable and Economic

METTLER TOLEDO

Ensure your dairy produce tastes superb

pH is a crucial indicator of food quality and safety. To ensure that the quality standards have been met the pH should be measured regularly. pH meters make food quality checks simplicity itself.

Milk: pH of milk is around 6.8 and it is tested for impurities and signs of infection upon collection as well as at point of delivery. In processes such as sterilization, pH is checked since a lower value helps to speed up the process.

Cheese: Monitoring pH during cheese processing improves productivity and enhances the taste of the finished produce. Typically the pH value of cheese ranges from 5.1 to 5.9. It can however vary among types of cheese or between batches of the same variety.

Yoghurt: The quality of yogurt depends on production control of lactic acid formed by fermentation. Lactose converts to lactic acid, decreasing the pH values to a range of 4.25 to 4.6. Bacterial action is stopped by rapid cooling at the right lactic acid level.



Do you measure pH regularly?

Do you need waterproof and robust equipment...? ... then SevenGo™ is your tool

- Typical workplace:
- Milk processing industry in general
 - Quality control laboratory
 - Cheese dairies

Your powerful pH equipment in a hygienic case

- The ergonomic and waterproof equipment with automatic temperature compensation for routine analysis:
- Robust and ergonomic SevenGo™ SG2 instrument
 - Working and cleaning indications: watertight to IP67
 - Premium sensor with automatic temperature compensation (ATC) and contamination-free junction



SG2 Food Kit SevenGo™ SG2 portable pH meter with InLab® Solids Pro IP67 puncture electrode (both described below) and buffer sachets (2 each; 4.01, 7.00 and 9.21 / 10.01), also with Food Compact Case and 4 sample bottles. Part number: 51302529	
InLab® Solids Pro IP67 Robust puncture pH electrode, open reference junction thanks to polymer electrolyte XEROLYT®, integrated NTC30K temperature probe, attached 1.8 m cable and BNC/RCA connectors, waterproof (IP67). Part number: 51343156	SG2-B (meter only) SevenGo™ portable pH meter with BNC fitting; for routine use with 3-point calibration, waterproof according to IP67; Complete with electrode clip, batteries, wrist strap, operating instructions, test certificate and declaration of conformity. Part number: 51302521

Do you mainly do spot checks?

Are you looking for an economical solution...? ... then FiveGo™ is your pH tester

- Typical workplace:
- Stockroom
 - Gastronomy
 - Research and development laboratory

Your easy pH tester

- The compact equipment for easy and economic spot checks:
- Small and handy FiveGo™ FG2 instrument
 - Safe puncture electrode with protective plastic cover
 - Working and cleaning indications: splash proof to IP54



FG2 Food Kit FiveGo™ FG2 portable pH meter with LE427 puncture electrode (both described below) and buffer sachets (2 each; 4.01 and 7.00), also with carry bag and 4 sample bottles. Part number: 51302906	
LE427 Robust puncture pH electrode with protective plastic cover, suitable for measurements of food and other solids; low-maintenance gel electrolyte; with attached 1.2 m cable and BNC connector. Part number: 51340333	FG2 Basic (meter only) FiveGo™ portable pH meter with BNC fitting; entry-level instrument with 2-point calibration, splash-proof according to IP54; Incl. electrode clip, wrist strap, operating manual, "Quick guide", 4 x AA batteries. Part number: 51302900