



## Titration, food & beverage, TitraLab® pH/Total Acidity Hach Lange



These automatic potentiometric titration analysers are specifically designed to determine pH and total acidity in a variety of food and beverage applications, providing a compact and reliable solution for routine QC analysis measurements.

- Integrated high resolution 40 000 steps electronic burette delivers dependably accurate results
- Intuitive product interface, ready to use, pre-programmed methods and preset display provide ease of use
- Automatic buffer recognition (pH 2,00/4,01/7,00/9,21/10,90; at 25 °C)
- One, two or three-point calibration
- "All-included" application pack including electrode and accessories (excluding reagents)
- RS232C interface enables communication with a computer or printer

**Ordering information:** Supplied with combined pH electrode with cable, 10 ml syringe with plunger, titration stand holder including magnetic stirrer, 10 titration cells (50 ml, Ø 30 mm) and power supply. Chemicals need to be ordered separately.

Application	Reagent
pH & Total Acidity in milk	NaOH 0,1M
pH & Total Acidity in wine	NaOH 0,5M
pH & Total Acidity in brine	NaOH 0,5M
pH & Total Acidity in tomato sauce (canned food)	NaOH 0,1M

Model	pH/Total Acidity in wine	pH/Total Acidity in milk	pH/Total Acidity in tomato products	pH/Total Acidity in brine
Measuring range	0 - 37,50 g/l tartaric acid; 0 - 24,50 g/l sulphuric acid	>0,9 °D; >0,2 °SH, >0,009 g lactic acid/100 ml sample	0,06 - 6,4% citric acid	0,04 - 4,5% lactic acid
Display	128x64 pt, backlit liquid crystal display			
Keypad	7 membrane keys, splash-proof, PET			
Dosing volume	Sample amount			
Burette resolution	40000 steps			
pH - range	0 - 14			
Measurement units	g/l tartaric acid, g/l H <sub>2</sub> SO <sub>4</sub>	°SH, °D, g lactic acid/100 ml sample	% citric acid	% lactic acid
Ambient temperature	+15...+40 °C			
Connections	BNC (electrode), RCA for magnetic stirrer, RJ11 telephone connector for computer/printer, Mini-DIN for mouse		BNC (electrode), RCA for magnetic stirrer, RJ11 telephone connector for computer/printer	BNC (electrode), RCA for magnetic stirrer, RJ11 telephone connector for computer/printer, Mini-DIN for mouse
WxDxH (mm)	130x160x300			
Weight (kg)	4			

Description	Pk	Cat. No.
Titration TitraLab® pH/TA, for the determination of pH and acid content of tartaric acid and sulphuric acid in wine	1	709-0118
Titration TitraLab® pH/TA, for the determination of the pH and acid content of dairy products (milk)	1	709-0119
Titration TitraLab® pH/TA, for the determination of the pH/acid content of citric acid in tomato sauce and tomato products (canned food)	1	709-0121
Titration TitraLab® pH/TA, for the determination of the pH and acid content of lactic acid in brine	1	709-0123

Description	Pk	Cat. No.
Accessories		
Sodium hydroxide, 0,1 mol/l 0,1 N aqueous solution, AVS TITRINORM volumetric solution	1 l	31770.294
Sodium hydroxide, 0,5 mol/l 0,5 N aqueous solution Reag. Ph. Eur. AVS TITRINORM® volumetric solution	1 l	31951.290
Replacement syringe, PP, 10 ml	1	661-0147
Beakers, PP, 50 ml (inner Ø 30 mm)	10	661-0148



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