

Mi455 PRO

Mini-titrator for the determination of FREE & TOTAL SULPHUR DIOXIDE in wine analysis



Mi455 PRO is a user-friendly microprocessor-based mini-titrator for the determination of free and total sulphur dioxide in the process of wine making. This mini-titrator will give you direct readings with a range of 0 to 400 ppm.

The instrument comes with a pre-programmed analysis method for free and total sulphur dioxide measurements on wine sample.

Specifications	Mi455 PRO Sulphur Dioxide
Range	0 to 400 ppm of SO ₂
Resolution	1 ppm
Accuracy	5% of reading
Method	ripper titrimetric method
Principle	equivalence point redox titration
Sample volume	50 mL
ORP electrode	MA924B/1 (included)
Pump debit	0.5 mL/min
Stirring speed	1500 rpm
Environment	0 to 50°C; max RH 95%
Power supply	220V/50 Hz; 10VA
Dimensions	350 x 310 x 250 mm
Weight	5,5 kg

Ordering Information

Mi455 PRO is supplied complete with:

Calibration standard SO₂, Titrant SO₂, Alkaline reagent for total SO₂, Acid reagent for total SO₂, Acid reagent for free SO₂, Stabilizer, SO₂, MA924B/1 ORP electrode, small stir bar, 2 x 50 mL beakers, 2 x 25 mL beakers, Refilling Electrolyte Solution 3.5M KCl for ORP electrodes 230 mL bottle, test tube set, O-ring, 1 mL syringe, power cable and instruction manual.

Mi 456 PRO Mini-titrator for the determination of TITRATABLE TOTAL ACIDITY for wine analysis

Mi456 PRO is a user-friendly microprocessor-based mini-titrator for the determination of the titratable total acidity in the process of wine making. This minititrator gives you direct readings in g/L of tartaric acid, with a range of 0.0 to 25.0 g/L.

The instrument comes with a pre-programmed analysis method for the titratable total acidity measurements on wine sample.



Specifications	Mi456 PRO Titratable Total Acidity
Range	0.0 to 25.0 g/L of tartaric acid
Resolution	0.1 g/L
Accuracy	5% of reading
Method	acid-base titration method
Principle	end-point titration
pH Calibration	1 point in selected end-point: 7.00 pH or 8.20 pH
Sample volume	2 mL
Temperature Compensation	Automatic from 0.0 to 100.0°C
pH Electrode	MA919B/1 (included)
Temperature Probe	MA831R (included)
Pump debit	0.5 mL/min
Stirring speed	1500 rpm
Environment	0 to 50°C; max RH 95%
Power supply	220V/50 Hz; 10VA
Dimensions	350 x 310 x 250 mm
Weight	5,5 kg

Mi456 PRO is supplied complete with:

Calibration standard TA, Titrant TA, Buffer pH 7.0, Buffer pH 8.2, MA919B/1 pH Electrode, MA831R Temperature probe, MA9011 Refilling Electrolyte Solution 3.5M KCl, for pH electrodes 230 mL bottle, small stir bar, 2 x 50 mL beakers, 2000 µL pipette, test tube set, O-ring, 1 mL syringe, power cable and instruction manual.

Accessories

MA924B/1 ORP Electrode for Mi455

MA919B/1 pH Electrode for Mi456

MA831R Temperature probe for Mi456

MA9011 Refilling Electrolyte Solution 3.5M KCl, for ORP electrodes, 230 mL bottle

Mi0009 Small stir bars (5 pcs)

Mi0020 50 mL beaker (4 pcs)

Mi0021 25 mL beaker (4 pcs)

Mi0022 2000 µL pipette (1 pc)

Mi0023 Pipette tips for 2000 µL pipette (4 pcs)