

This instrument is designed to quickly and easily measure free and total SO₂ and avoid the difficulty of estimating the end of the measure. The DS Iodo is particularly adapted to wines, even highly colored, lees for distillation, fruit juices, alcoholic drinks and vinegars.

Principle

With a double platinum electrode which detects an electric current in the sample, the DS Iodo does the titration and stops automatically when the oxidizing solution of Iodure/Iodate is in excess. The instrument calculates the result according to the selected program (free or total SO₂) and displays it immediately on the screen.

Advantages

- Direct display of the result on LCD screen
- Quick and easy-to-use
- Ergonomic and aesthetic design
- Excellent repeatability
- Automatic titration with a syringe pump activated by a stepper

Specific features

- Linear guidance of the support of the probe
- Magnetic stirrer
- Auto-zeroing of the syringe between 2 analysis
- Integrated clock (date and hour)

Method



» Preparation of the sample and setting up on the tray



» Selection of the titration mode :
- Free SO₂
- Total SO₂



» Activation of agitation and automatic titration



» Direct reading on the screen of the result in mg/L of free or total SO₂.



Ref. 119670

| DS Iodo (Ref.119670) | |
|-----------------------|--------------------------------------------------------------------------------|
| Type of sample | Wines, musts, lees for distillations, fruit juices, alcoholic drinks, vinegars |
| Program | Free SO ₂ , Total SO ₂ , |
| Measure scale | ppm of SO ₂ |
| Resolution | ppm |
| Capacity of syringe | 10 ml |
| Precision of syringe | 10 µl per injection |
| Electrode | Double platinum electrode |
| Valve | Double pinch valve |
| Keyboard | 5 keys |
| Screen | LCD with backlighting |
| Languages | French, English, Spanish, Italian, German |
| Input/output | USB (to download data on PC and upload upgrade of the software) |
| Dimensions and weight | 24 x 35 x 40 cm- 4 kg |
| Power supply | 110-220V- 50/60 Hz |
| Adapter | 15 V |

Accessories

- Titration products
- Glassware and accessories for the analysis