



# Eno 20 Plus and Eco

Titration for sulphides



Instantaneous results comparable to the official method

Completely eliminates the endpoint identification and phenolic interferences issues.

ENOLUTION



## TECHNICAL SPECIFICATIONS **Eno 20**



### PRINCIPLES:

After the acidification, the  $\text{SO}_2$  is oxidized with iodine (Ripper).  
Electrochemical method.

An electric current is detected between two polarized platinum electrodes when there is an excess of oxidant (endpoint).

"With the suppression of the visual assessment of the reaction endpoint the inaccuracies are eliminated (human factors)." (cf. *Techniques d'Analyses des Mûts et des Vins*—J. Blouin.)

### OPERATION:

1. Put the sample to be analysed together with the reagents in the analysis flask:

**FREE  $\text{SO}_2$**   
20 ml wine  
+  
2 ml  $\text{H}_2\text{SO}_4$  at 1/3

**TOTAL  $\text{SO}_2$**   
20 ml wine + 2 ml NaOH 5N  
(wait for 10 minutes approx.)  
+  
4 ml  $\text{H}_2\text{SO}_4$  at 1/3

2. Press the "titration" button to start the analysis sequence.
3. At the end of the titration process, signalled by a double beep, read the result, expressed in mg/L of  $\text{SO}_2$ , directly on the burette. No conversion table is required.

### OTHER BENEFITS:

Automatic correction of phenolic interferences.

The results are similar to that of the Official Method with considerable time savings.

Burette with automatic levelling.

Graduated burette in concentration of  $\text{SO}_2$ . Direct results.

Analytical costs between 0.10 and 0.20 € per sample.

The instrument is easy to maintain and cost effective.

Customer support taken in charge by the highly qualified oenological technical services of TDI.

Two versions available: **ECO** and **PLUS**, with the same analytical quality.

### INSTALLATION:

Power supply: 220 V - 50 Hz  
Dimensions: Instrument 15 x 22 x 60 cm  
Command unit 15 x 15 cm  
Weight: 2 kg

