

GENERAL

The Caproco portable MIC Analyzer, when used in conjunction with the Caproco Hydrogenase Test Kit and Biofilm Probe, is designed to provide a quantitative indication of bacterial activity present in an operating system and is an excellent tool for screening the effectiveness of biocide treatments.

The Caproco MIC Analyzer utilizes modern digital electronic techniques to provide greater sensitivity, reliability and accuracy.

Rapid test results(usually within 2 hours) are available on the digital LCD screen, and results are provided in three formats:

- **Micromoles of Hydrogen Uptake per Minute**
The level of Hydrogen uptake is directly related to the bacterial corrosion activity.
- **Micrograms of Iron Oxidized per Minute**
The amount of Iron being oxidized by the bacteria equals a corrosion rate related to bacterial activity.
- **Micrograms of H₂S per Minute**
The production of H₂S is a by-product of the bacterial corrosion process and can cause severe problems to many systems. This result indicates the amount of H₂S being produced by bacterial activity.

The analyzer connects via a cable to the Hydrogenase test kit anaerobic chamber. Once the readings are complete, the three results can be scrolled through at the push of a button. The instrument's hand-held size and weight make it convenient to use in both a laboratory or in the field.

SPECIFICATIONS

The MIC Analyzer kit comes complete with an Anaerobic Test Chamber, Connector Cable, 110 VAC Power Adaptor, Instruction Manual and a Rugged Lightweight Carrying Case.

The MIC Analyzer can only be used with the Caproco Hydrogenase Test Kit.



MIC Analyzer Kit P/N 87701

SPECIFICATIONS

DISPLAY	2 Line, 16 Character LCD
RESOLUTION	H/min ± 0.0001 μ moles FeO/min ± 0.001 μ g H ₂ S/min ± 0.00001 μ moles
TEMPERATURE	-22°F to +158°F -30°C to +40°C
POWER SUPPLY	9 V Replaceable Battery, 110 V AC Adaptor
DIMENSIONS	6" x 3" x 1.5" (overall) (15cm x 8cm x 4cm)
WEIGHT	1.0 lbs (0.45 kg)

AVAILABLE OPTIONS

Item	Part Number
Charging Cable with: 220 VAC Power Supply	53278
9 V Ni-Cad Rechargeable Battery	
Cigarette Lighter Adaptor Cable	