

# 965



**CORNING**

# Corning 965 TCO<sub>2</sub> Analyzer

# 965 TCO<sub>2</sub> Analyzer Specification

## Simpler to use

After a few minutes of instruction the most junior member of your staff could be performing reliable Total Carbon Dioxide analyses with great speed and accuracy.

## Fast results

In a total of 36 seconds, the 965 can receive a sample, analyse it, present the result and ready itself for the next sample.

## Accurate analyses

Despite the speed of the 965, there is no significant difference between its results and those obtained by the most painstaking manual van Slyke estimations. Indeed, the 965 uses a highly automated adaptation of the van Slyke method.

## See it now

Ask your local Corning distributor or salesman today for a demonstration. At the same time you could find out about Corning's high quality standards and reagents: their cost effectiveness will surprise you!

## Performance

### Readout Range

0-60 mmol/l TCO<sub>2</sub>

### Reproducibility

1.7% C.V. at 30 mmol/l

(Determined by measurement of ten replicates of pooled sera or aqueous standard solution).

### Linearity

Better than  $\pm 1$  mmol/l over range

### Correlation

Shows no significant difference from reference method.

### Cycle time

36 seconds, including drain cycle.

### Sample requirement

50-100  $\mu$ l

### Reagent consumption

1 ml/test (200 ml/reagent bottle)

## Service Requirements

### Electrical supply

90-125V or 190-250V, 50 or 60 Hz.

## Size and Weight

### Size

234mm high, 330mm wide, 388mm deep

### Weight

9 kg.

1. Pipette sample into reaction chamber.

2. Press START button.



3. Note result.

4. Initiate drain cycle.

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