

# Model 9000 Plus Portable CORRATER® Instrument

## Features:

- **Corrosion Rate Monitoring**
- **Imbalance (Pitting) Measurement**
- **User Selectable Alloy Multipliers**
- **Simple Operation**
- **CE Compliant**



The 9000 Plus portable CORRATER® instrument is your answer to quick and easy corrosion rate measurements in water systems, automatically. Simply plug the hand-held, light weight instrument into a CORRATER® probe and press the "READ PROBE" key. After the completion of the measurement cycle, the readout will automatically display the corrosion rate in mils per year (MPY) or millimeters per year (mmpy) and the imbalance reading in pitting units.

As with its predecessor, the industry standard Model 9000, the 9000 Plus is compatible with all CORRATER® two and three electrode probes. And,

the user can directly select alloy multipliers so that corrosion rate calculations are not required.

The instrument features new integrated circuit technology that improves accuracy, extends the operating range and reduces the instrument to pocket size. This instrument is a must for anyone monitoring and chemically treating water systems.

The environmentally sealed front panel of the instrument is easy to use with only six keys. An easy to read LCD display and the automatic shutdown feature provides long battery life from a standard nine-volt battery. The last reading taken is stored for review the next time the unit is turned on.

## Specifications:

- Measurement Ranges:**

Corrosion Rate: 0.01 to 200 MPY  
or 0 - 5,080  $\mu\text{m}/\text{y}$   
or 0 - 5.08  $\text{mm}/\text{y}$

Imbalance (Pitting Index): 0.01 to 100 pitting units  
0.025 to 250  $\mu\text{A}$

- Operating Range:**

Conductivity ( $\mu\text{mhos}/\text{cm}$ ) divided by corrosion rate (mpy) > 4. See Graph

- Probe Compatibility:**

2 or 3 Electrode CORRATER<sup>®</sup> probe

- Measurement Cycle Time:**

3 minutes

- CE : Compliant to EMC directive 89/336/EC**

- Selectable Alloy Multipliers**

- Power Requirements:**

9 Volt Alkaline Battery

- Instrument Operating Temperature:**

+32° to 122° F (0° to 55° C)

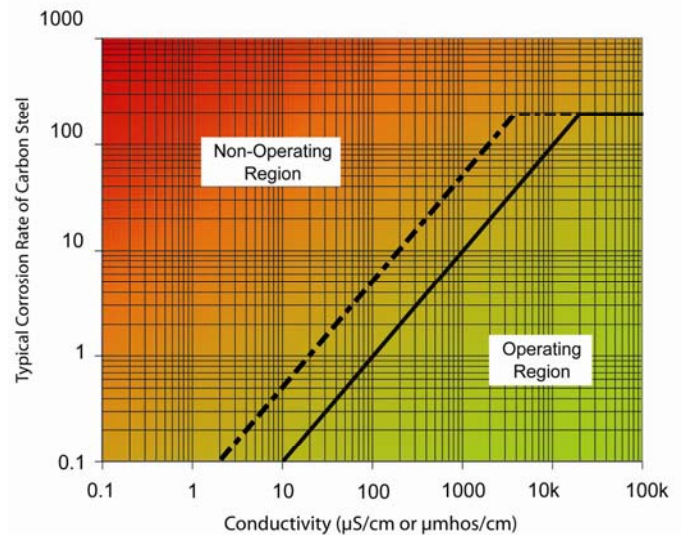
- Instrument Storage Temperature:**

-4° to 131° F (-20° to 55° C)

- Weight:**

14 ounces

Operating Range for CORRATER<sup>®</sup> 9000 Plus



— Normal operating range with direct reading  
- - - - - Operating range with conductivity correction applied

———— Direct readout  
- - - - - With conductivity correction

Note: Based on 20% error limit (see ASTM G96)

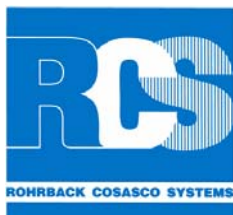
## Ordering Information:

P/N 9000 Plus - Portable CORRATER Instrument

Optional CORRATER PLUS software P/N 100096

Optional carrying case w/shoulder strap P/N 710765

Replacement test probe P/N 710764



Rohrback Cosasco Systems, Inc.  
11841 East Smith Avenue  
Santa Fe Springs, CA 90670, USA  
Tel: (1) 562-949-0123 Fax: (1) 562-949-3065  
US Toll Free: 800-635-6898  
E-Mail: [sales@cosasco.com](mailto:sales@cosasco.com)  
Web Site: [www.cosasco.com](http://www.cosasco.com)

