

CORRATOR Systems, Inc. –

The World Leader in Corrosion Monitoring Systems

Specifications subject to change without notice

Model 9000 Plus Portable CORRATER® Instrument

Features:

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

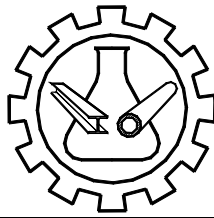
measurement cycle, the readout will automatically display the corrosion rate in mils per year (MPY) or millimeters per year (mmpy) and the imbalance reading in pitting units.

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.



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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.

CORRATOR Systems Corrosion Monitoring Equipment is manufactured and sold under one or more of the following US Patents: 4138878, © Copyright RCS, Inc.

4238298, 4338563, 4514681, 4537071, 4587479, 4605626, 4625557, 4755744, 4839580, 4841787, 4882537, 5243297.

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Specifications:

Measurement Ranges:

Corrosion Rate: 0.01 to 200 MPY or 0 - 5,000 $\mu\text{m}/\text{y}$ or 0 - 5 mm/y

Imbalance (Pitting Index): 0.01 to 100 pitting units 0.025 to 250 μA

Operating Range: See Graph

Probe Compatibility: 2 or 3 Electrode CORRATER® probe

Measurement Cycle Time: 3 minutes

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

Ordering Information:

Optional carrying case w/shoulder strap P/N 710720

Replacement test probe P/N 710764

9000 Plus Portable CORRATER® Instrument

Code Software

0 None

2 With CORRDATA® Plus Windows® Software

9000 Plus 0 Typical Order Number

Direct readout With conductivity correction

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