The Model RVM Portable Radar Wave Velocity Meter uses Doppler Radar technology to accurately measure surface velocity of open channel flow. The “point-and-shoot” design along with automatic vertical angle compensation provides easy to use operation. Model RVM also has user-adjustable horizontal angle compensation of 5° increments to further reduce measurement error. Flow velocity can be measured bi-directionally with user-selectable directional modes (flows away, towards, or in both directions). Model RVM features a backlit LCD that indicates flow velocity in feet per second or meters per second. Model RVM includes the meter, rechargeable batteries, 12 VDC car charger, and a rugged case.

FEATURES
• High accuracy
• Doppler radar technology
• Works with shallow flow depths
• Field rechargeable

APPLICATIONS
• Sewer systems
• Water systems
• Rivers
• Streams
• Hydrologic systems

SPECIFICATIONS:
Service: Water.
Range: 0.1 to 43 fps (0.3 to 13 m/s).
Display: Single-line, 5-digit, backlit LCD.
Accuracy: ±5%.
Power Requirements: 6.1 to 8 VDC, (6) 1.2 V rechargeable AA NiMH batteries, installed and functional, user replaceable (12 VDC lighter plug power cable included).
Power Consumption: 0.18 A max.
Serial Communications: RS232 (with purchase of A-RVM-CC).
Temperature Limits: -22 to 158°F (-30 to 70°C).
Enclosure Rating: IP55.
Humidity Limit: 90% RH @ 98.6°F (37°C).
Enclosure Material: ABS polycarbonate blend.
Angle Compensation: Vertical: automatic via tilt sensor; Horizontal: adjustable from 0 to 45° in 5° increments for cosine angle error.
Weight: 2.1 lb (907 g).

Model RVM, Portable Radar Wave Velocity Meter .................... $3899.00

ACCESSORY
A-RVM-CC, RS-232 Communication Cable .......................... $60.00

Items are subject to Schedule B discounts.