

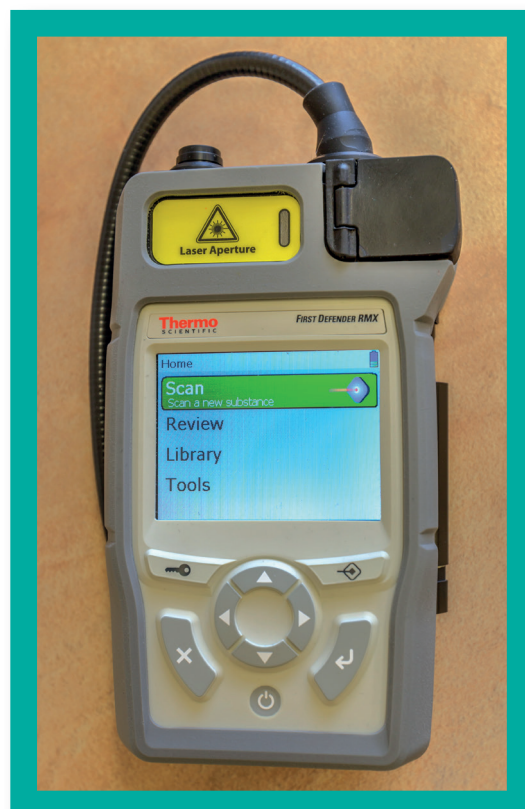
Raman Spectrometer FirstDefender RMX

SPECIFICATIONS

Handheld 785 nm Raman spectrometer designed especially for use by firefighters, security forces, the military, police and forensic chemists. The RMX version is equipped with a durable probe with an armored optical cable. The instrument is in a durable design suitable for field measurements. It is certified according to the MIL-STD-810G standard and has IP67 protection.

MEASURING METHODS

Identification of unknown liquids, pastes, powders or solids on the basis of comparison of the measured Raman spectrum with the built-in database of Raman spectra.



OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

Identified substance from the build-in database of substances, the possibility of exporting the Raman spectrum.

TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

Liquids, pastes, powders and solids in a vial for insertion into the instrument or analysis of substances freely accessible in the field or enclosed in transparent containers for laser radiation with a wavelength of 785 nm using an optical cable.