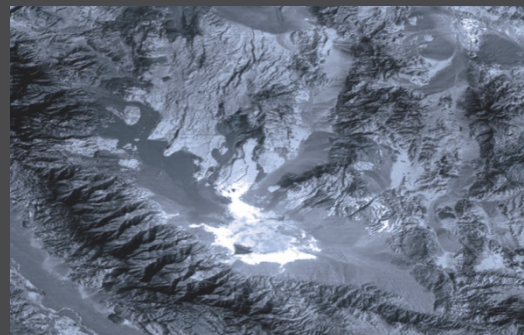
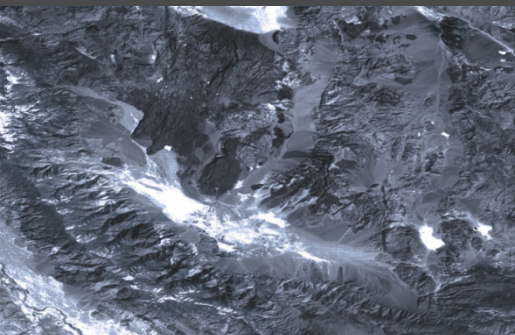




Innovator In Spectroscopy Equipment

**SPECTROMETER
MODEL SPECT2116**



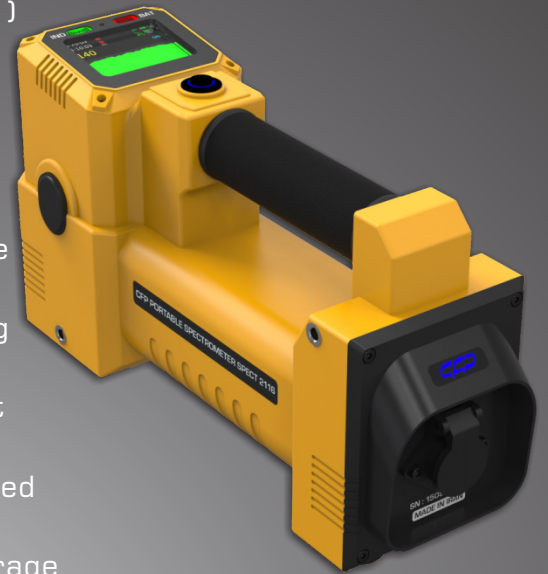


Innovator In Spectroscopy Equipment

SPECTROMETER MODEL SPECT2116

Features:

- High sensitivity 40mm x 40mm NaI crystal 50 cm³ (3.0 in³)
- Ultra high speed: real 100msec sampling interval
- SPECT mode with save all data in 4096 Channel
- Survey mode with search capability
- Easy to use, single button operation
- Display:
 - IPS LCD 240 x 320 (pixels) with all viewing angle readable
 - High count rate over 500k with 6 digit
 - Scrolling histogram graph display of the last 220 reading
 - High contrast 1:800
- Fast audio output with adjustable audio threshold set point
- Special rugged design to withstand typical field usage,
- waterproof against streaming water and fully dust protected
- Light weight & rugged (2.1 kg) including batteries
- Supplied in hard case with molded insert for shipping & storage
- Low power (Li-ion batteries) typical 8-12 hour battery life at 20°C
- No radioactive sources required for proper operation
- Internal military GPS



Description:

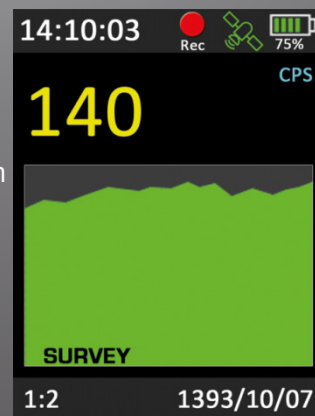
The SPECT2116 Spectrometer is the state-of-the art portable hand-held radiation survey meter devices for using in the the geophysical industry. It offers an integrated design with a large detector, direct Spect data, data storage, full weather protection, ease of use and highest sensitivity in the market segment.

The spectrometer is auto-stabilizing on the naturally occurring (K, U, & Th) radioactivity and does not require any test sources.

With this convenient, handheld instrument offers the equivalent performance of much larger, and more costly, portable units. For example, a 120 second measurement with the SPECT2116 handheld provides comparable quality as the same measurement using 2x (in³) NaI portable detector.

Specifications:

- Display:
 - Size: 240 x 320 pixels, 2.4"
 - Color IPS LCD display with backlight
 - Counts in CPS from 0 to 500,000 and histogram chart
- Energy Response: 20 keV 3000 keV
- Internal Sampling: 100 / second
- Batteries:
 - Removable Rechargeable Li-ion battery (3 pcs)
 - Protected Li-ion battery 3.6V 3400mAh
 - Life: over 8 hours at 20°C





Innovator In Spectroscopy Equipment

SPECTROMETER MODEL SPECT2116

Performance

- Operating Temperature: -10°C to +50°C.
- Rechargeable battery kit
- Upgradable to CFP SPECT2116pro with 100msec log option at an additional charge
- Control: Single one button, thumb activated
- Internal Memory: 32MB (pro version 128MB)
- Data Output: Standard CSV file
- Interface port: USB 2.0
- Alarm:
 - Audio via miniature speaker
 - Variable audio threshold set point
 - Audio voice proportional to the count rate



Electrical and Mechanical Power Required:

- Protected Li-ion battery 3.6V 3400mAh (3pcs)
- Net weight: 2.1 kg including batteries
- Shipping weight: 4.2 kg
- Dimensions & Package style 44 X 35 X 20 cm (L X H X W)

Standard Accessories:

- CFP SPECT2116 Spectrometer
- Backup battery with charger (Optional)
- CD User guide
- Supplied in hard case with foam insert





کنترل فرایند پاسارگاد