

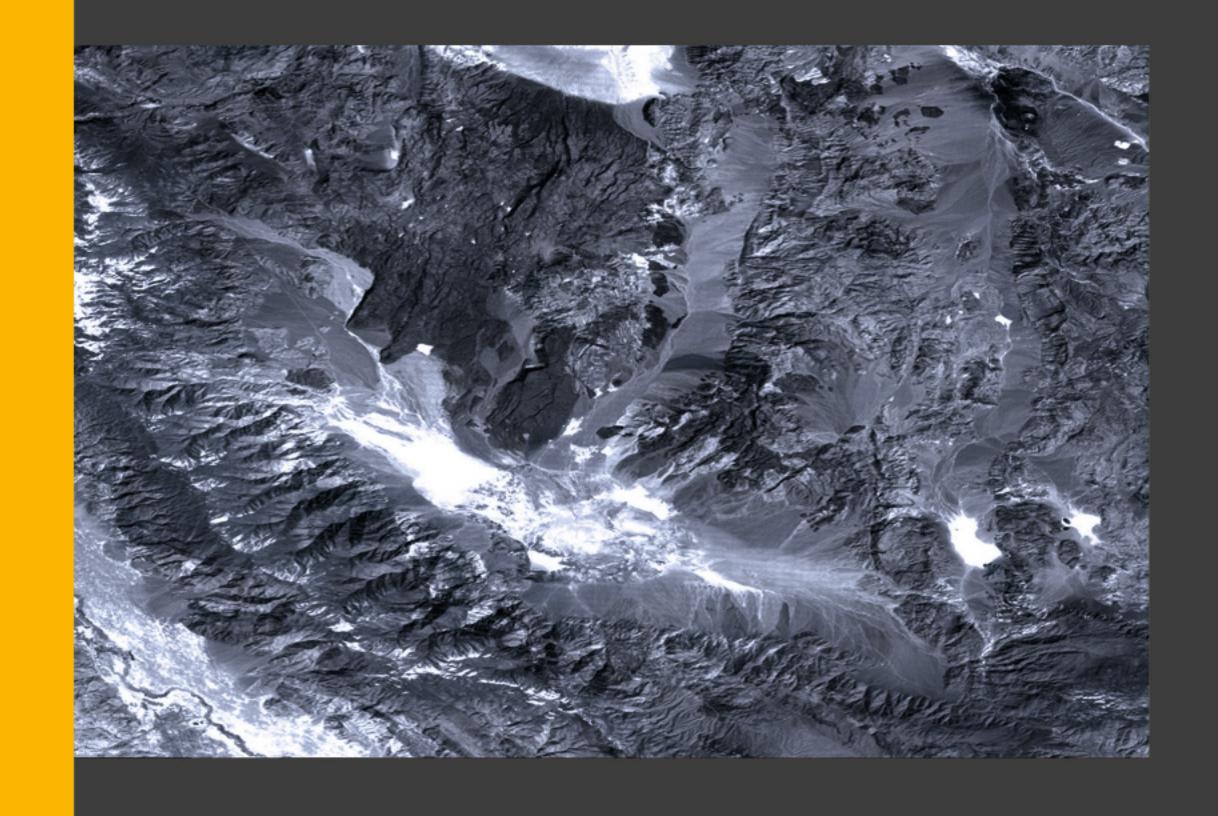
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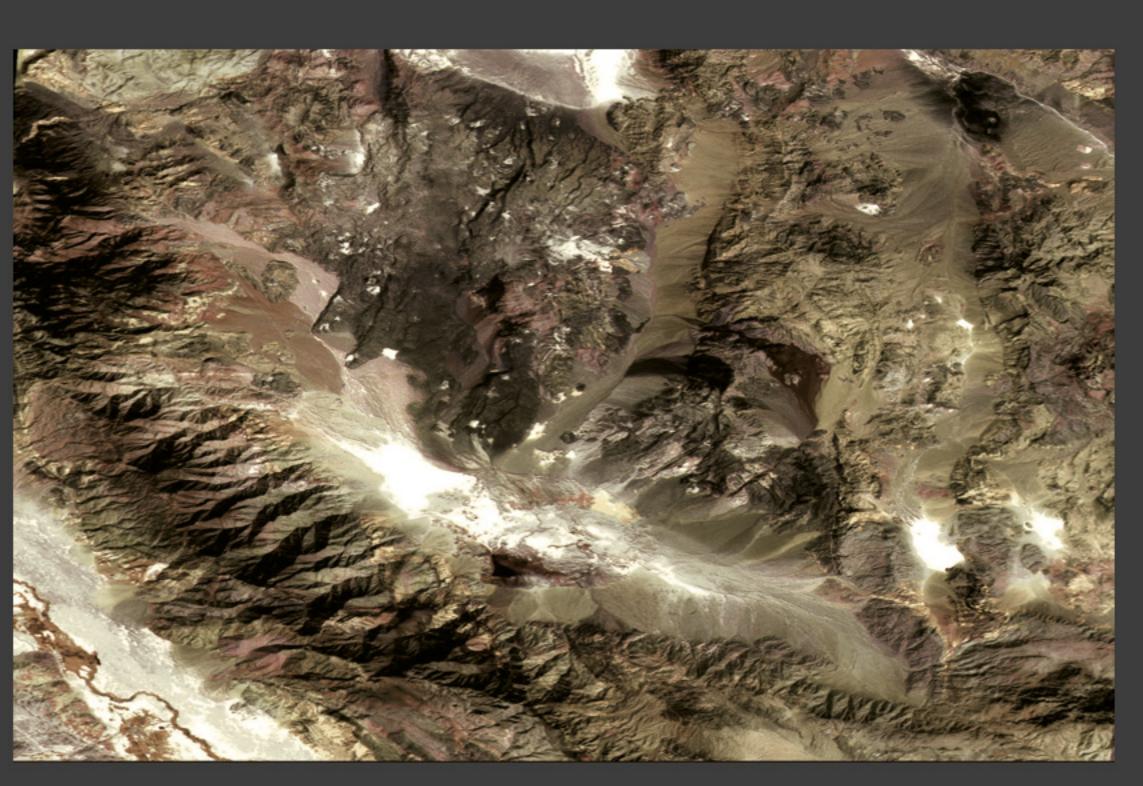
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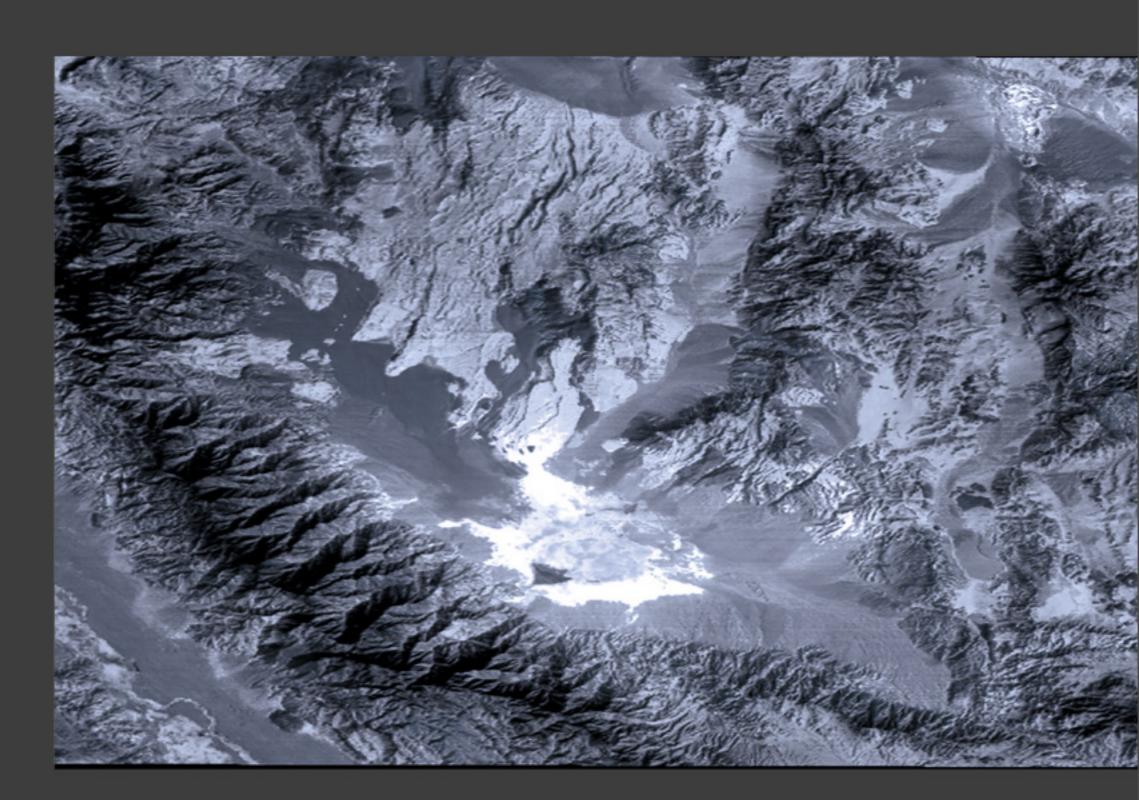


SPECTROMETER MODEL SPECT2116









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Features:

- High sensitivity 40mm x 40mm Nal 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
 - 6-digit LCD display with high count rate over 500,000 cps
 - 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

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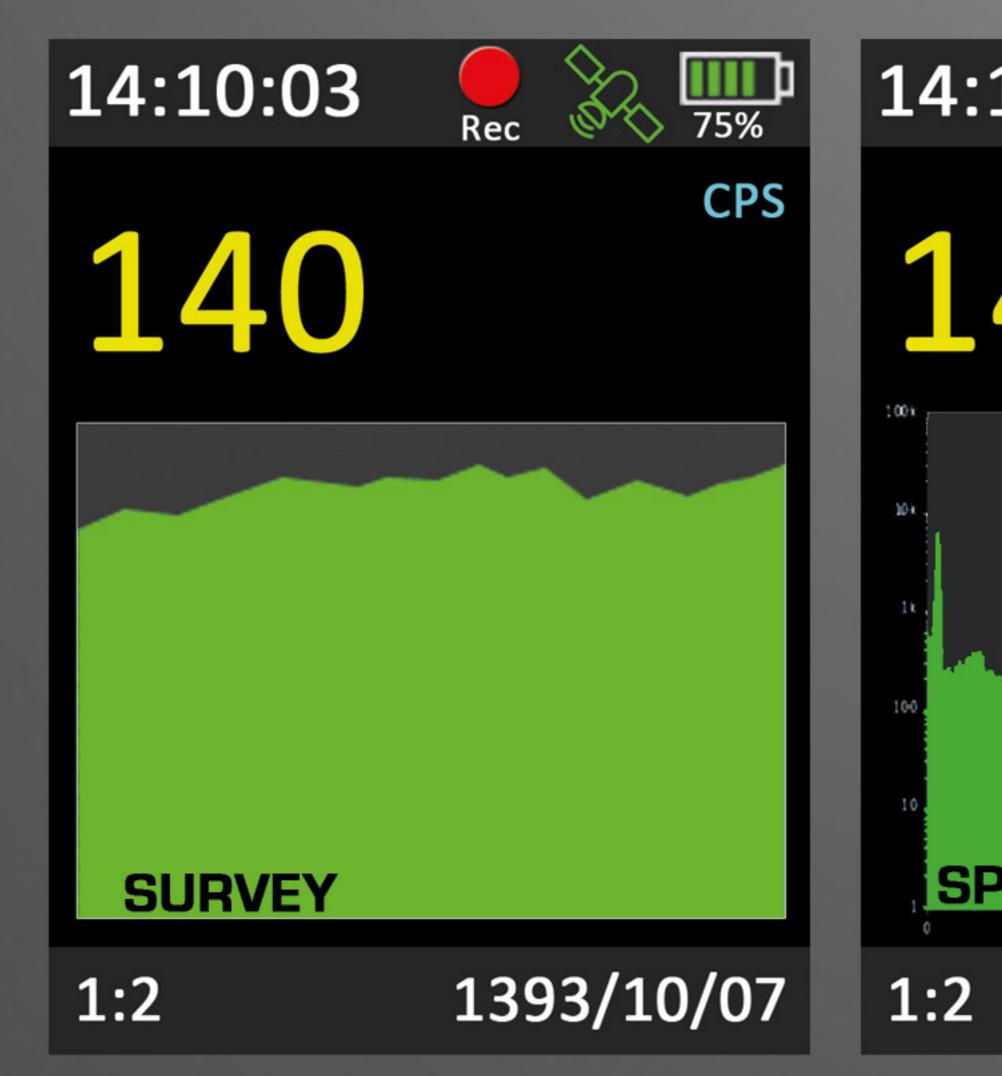
Description:

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 SPECT2113 handheld provides comparable quality as the same measurement using 2x (in³) Nal portable detector.

Specifications:

- Display:
 - 240 x 320 pixels, 2.5"
 - 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:
 - Internal Li-ion Rechargeable battery
 - Life: over 8 hours at 20°C





Performance:

- Operating Temperature: -10°C to +50°C.
- Rechargeable battery kit
- Upgradable to CFP SCINT2213pro 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

Standard Accessories

- CFP SCINT2213 Scintillometer
- Backup battery with charger (Optional)
- CD User guide
- Supplied in hard case with foam insert

Electrical And Mechanical Power Required

- Standard version +19V (2A) DC adaptor
- Net weight: 2.1 kg
- Shipping weight: 4.2 kg
- Dimensions & Package style 44 X 35 X 20 cm (L X H X W)



