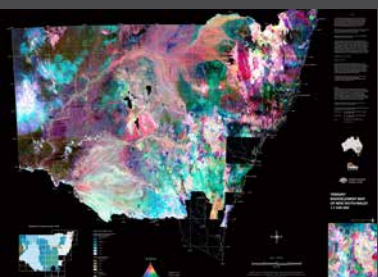




Innovator In Spectroscopy Equipment

## SCINTILLOMETER MODEL SPECT2213





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## SCINTILLOMETER MODEL SPECT2213

### Features:

- High sensitivity 40mm x 40mm NaI crystal 50 cm<sup>3</sup> (3.0 in<sup>3</sup>)
- Ultra high speed: real 100msec sampling interval
- Internal military GPS
- Survey mode with search capability showing color IPS LCD and audio output
- Easy to use, single button operation
- Display:
  - PS 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 (1.6 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



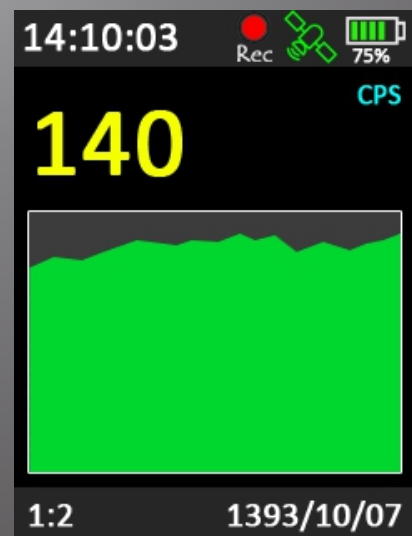
### Description:

The CFP SCINT2213 Scintillometer is the state-of-the-art portable hand-held radiation survey meter device for using in the geophysical industry. It offers an integrated design with a large detector for high sensitivity, direct survey readout, audio output, full weather protection, and ease of use. In survey mode (total count), Total count is displayed in the front panel in cps at 10/sec update rate.

A loud linear voice audio permitting eyes-free operation. The large easy to read 6 digit display provides a 500,000 count with a wide dynamic range without overflow.

### Specifications:

- Display:
  - Size: 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





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### 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



### Electrical and Mechanical Power Required:

- Standard version + 19V (2A) DC adaptor
- Net weight: 1.6 kg
- Shipping weight: 4.2 kg
- Dimensions & Package style 44 X 35 X 20 cm (L X H X W)

### Standard Accessories:

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





کنترل فرایند پاسارگاد