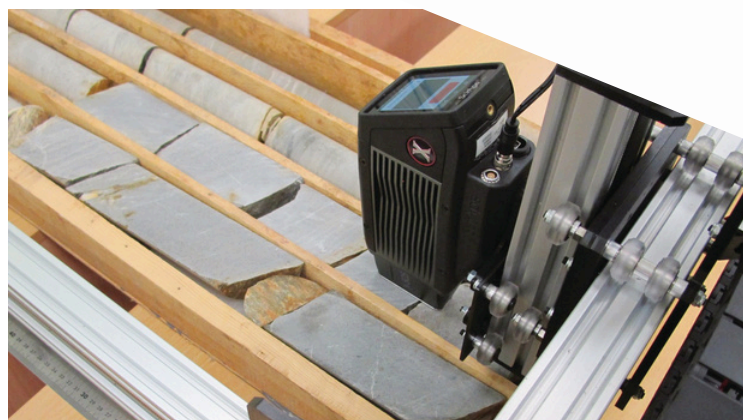


SciAps XRF pairs with GERDA

Automated processing for thousands of samples per day



SciAps popular XRF analyzer is now available to be used with the GERDA system. The easy-to-mount handleless version seamlessly integrates with the automated table sampler to automatically scan thousands of geochemistry samples per day.



GERDA (Geochemical and Research Documentation Assistant, by MEFFA Lab Oy, is an automated table sampler for portable and handheld analytical instruments. Pairs with XRF for assaying drill core right in core boxes; assaying stream sediment/soil samples in field bags; assaying RAB, RC drilling chip samples; and determination of gold mineralization in crushed rock/drill core samples utilizing NEFFA method.

GERDA by MEFFA Lab

- Built on WorkBee CNC table, control unit based on Raspberry Pi3, Baumer VCXU-65C.R USB camera

- Browser-based control panel software with remote control via VPN

- Can be mounted on Palsatech or AGR logging tables

Meffa Lab Oy, of Finland, developed and designed the GERDA in cooperation with Lab127 Team. They provide site installations, and train users, with full technical support and warranty.

MEFFA LAB



GERDA: Control Panel									
Research 20200121-00: 5' 8" Belegost, 10-14m									
Jobs	Objects								
Job 1	Top view photo (1 point)	Camera		done					
Job 2	Top view photo (1 point)	Camera	AVS	done					
Job 3	core-100 (100 points)	XRF camera2	AVS	done					
New Top view photo Edit Delete Erase									
Results									
	No.	XY, mm	Depth, m	Description	Mg, ppm	As, ppm	Ag, ppm	Pt	
Mg	3.001	110,100	10,020		0.00	0.00	0.00		
As	3.002	110,120	10,040		0.00	0.00	0.00		
Pt	3.003	110,140	10,060		54261	0.00	0.00		
Al	3.004	110,160	10,080		59065	0.00	0.00		
Si	3.005	110,180	10,100		35540	0.00	0.00		
Au	3.006	110,200	10,120		0.00	3761	0.00		
Ca									
P									

SciAps In-line XRF delivers all the quality customers expect from SciAps: fast, precise results using premium X-ray hardware for top-of-the-line analytical capability and data quality, even on the hardest elements to measure with XRF. Manage reports using global connectivity, data storage, merge, and exporting, including access to SciAps Cloud. Integrated camera with video provides sample viewing.

SciAps In-line XRF

- All of the analytical capability and data quality of SciAps XRF, integrated seamlessly to GERDA with SciAps uniquely powerful API

- Outstanding heat dissipation for high-duty cycle

- Can also be used with the SciAps Test Station for lab and field analysis.

SciAps, Inc. is a Boston-based instrumentation company specializing in handheld portable analytical instruments to measure every element in all types of materials.

SciAps

