



FINDER 100

High resolution portable XRF spectrometer

<i>Technical specification</i>	
X-ray source	Long-life x-ray tube – adjustable high voltage
Resolution	< 130 eV
Sensitivity	< 0.1 %
X-ray detector	High Resolution Peltier cooled
Calibration	Self or manual calibration with several materials
<i>Dimensions</i>	
Weight	3.8 Kg
<i>Analysis</i>	
Analysis range	(Z >12) Mg, Al, Au, Fe, Hg, Pb, ...
Thickness Measurement Range	From nm's to microns
Pb measurement range	0.1 to 50 mg/cm ² (no saturation)
Operating conditions	-7° to 50°C
Analysis rapidity	< 1 second to a few minutes
Device autonomy	Battery operated or power network (110 V – 220 V)
<i>Accessories</i>	
He Flushing	Possible for light element detection
Transport case	Heavy duty case
<i>Data handling and reporting</i>	
Internal data storage	20 Gbytes
Microprocessor	1 GHz Full PC processor
Software	High standard versatile Software
Keyboard	Versatile data entry
Display	Large TFT active display – digital pen
Data transfer	USB, Bluetooth or WiFi
Remote control	Full remote control is possible
<i>Security</i>	
User protection	Automatic turn off and safety switches
Data protection	Password and multi-sessions
License	No Radio-Active source