

The **ScanLIM-2** allows the user to create a virtual "corestore" of high quality, true colour and correctly scaled digital images.

With a few mouse clicks, it is possible to retrieve and display selected zones or reconstruct an entire borehole.

Borehole information is included in the data files in order to ensure systematic archiving.



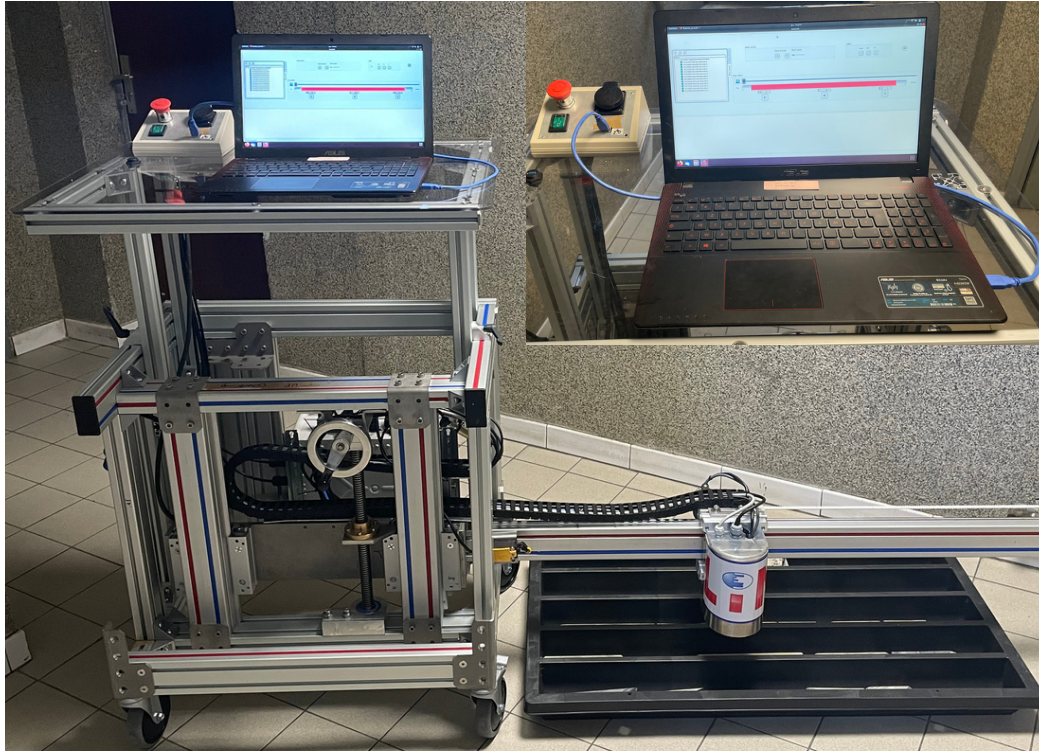
The system is transported in kit form and can be assembled and operational on site within 20 minutes.

The core scanning itself is a one-man operation, however having an assistant available for positioning and removing the core boxes will significantly increase productivity.

SPECIFICATIONS :

- ✓ Dimensions: 230 cm x 120 cm x 60 cm / 90.5" x 47.2" x 23.6";
- ✓ Weight: 70 Kg / 154 lbs;
- ✓ Operating temperature : +5°C à +45°C / 41°F to 113°C;
- ✓ Storage temperature : -25°C à +60°C / -13°F to 140°F;
- ✓ Humidity : 20% to 80% non-condensing;
- ✓ Camera : Matrix camera, 4096 pixels/line (1 pixel = 55x55µm) ,
100 millions of pixels for a one meter (3.3 ft) image;
- ✓ Image format : jpeg;
- ✓ HMI: Dedicated laptop provided by LIM with specific OS;
- ✓ Max length acquisition : 120 cm / 47.2";
- ✓ Max width acquisition : 15 cm / 5.9";
- ✓ Lighting : Natural/UV short 280nm, UV long 385nm;
- ✓ Maximum acquisition speed: 2 m/min / 6.5ft/min;
- ✓ Power Supply : 110 to 220 VAC;
- ✓ Positioning aid: laser & optical;
- ✓ Auto image calibration.

IMPLEMENTATION & USE



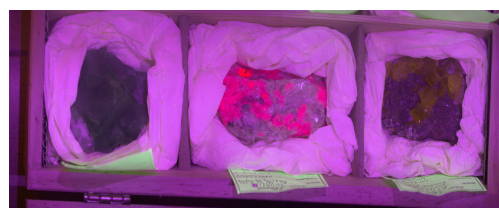
Overall view



Scanning software



Short UV : Strontianite, Autunite, Calcite



Long UV : Fluorite, Sodalite, Apatite

Example

