DIGITAL MEASURING

TECHNICAL SPECIFICATION SHEET

FALCON

High-definition stone slab scanner

Falcon turns each slab into a true-color digital image at 1:1 scale.



Falcon, factory machine shown in Next Level colors

64 MP	141¾ × 86⅝ in	≤ 0.04 in	20 ft/min
Slab image, 96 dpi	Scanning area (3,600 × 2,200 mm)	Size accuracy (≤ 1 mm)	Scanning speed (6 m/min)

It scans the slab, calculates its size and sends image and size to your inventory, so customers see the real slab, designers lay out vein-matched parts on it and the shop finds every production record again.

KEY FEATURES

- **Hardware and workstation**
  The slab stands on the frame while the scan column travels along it.
- **Vein matching**
  Lay out parts on the scanned slabs with the vein-matching toolpath design software.
- **Design with the real slab**
  Use the scanned image in the VR design software to show the customer the finished kitchen.

APPLICATIONS A digital slab inventory with true-color images and measured sizes; showing customers their actual slab before it is cut; vein-matched cutting layouts on the scanned image; kitchen visualization with the VR design software.

FALCON · TECHNICAL DATA

HIGH-DEFINITION STONE SLAB SCANNER

KEY SPECIFICATIONS	
Camera	Color 3CCD line-scan, custom lens
Resolution	96 dpi
Size measuring	Automatic, 1:1 calibrated
Color	98.7 % true color (factory statement)
Software	Inventory, VR design, vein matching
Capture	Continuous, across the full scanning area
Workshop	Resists moisture, oil and dust (factory statement)

EVERY SLAB ON FILE	
Look-up	Find each slab's production record again
Mobile	Real-time dashboard on a mobile mini-program
License	Software package renewed annually

DETAILS	
Image	True color, with clear texture
Light	LED line light with condenser lens
Data	Encoder; data memory card

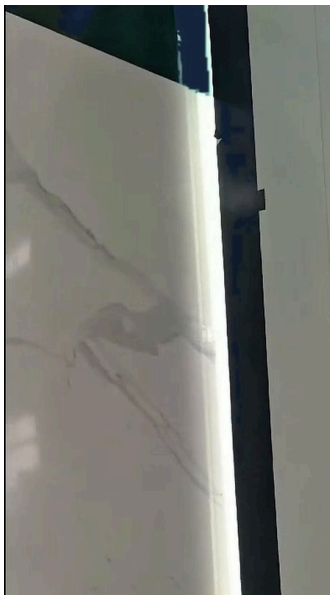
INCLUDED AS STANDARD

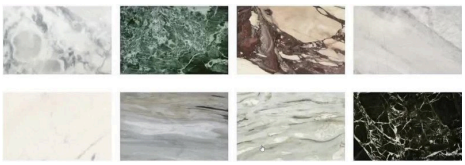
- Scanning frame with the travelling scan column, camera and LED line light
- Workstation with industrial control computer
- Software package: online inventory management, VR design and vein-matching toolpath design
- Image query system and mobile dashboard

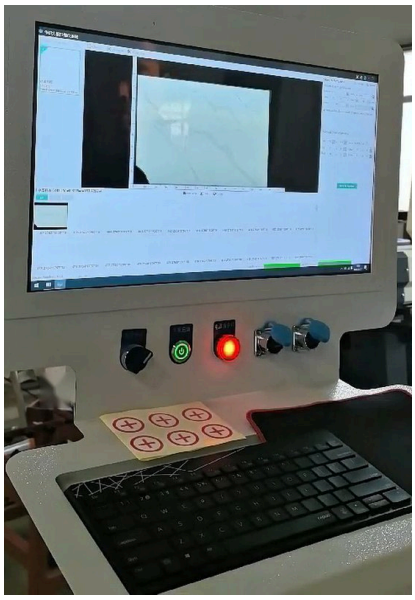
INSTALLATION AND TERMS

- Installation, training and warranty terms are stated on your Next Level quotation.
- Software license terms are stated on your quotation.
- Final configuration and delivery are confirmed in writing at order.

DETAILS







LED line light, scanning · Slab image library · Hardware and workstation

Factory data (scanner quotation); U.S. values are converted and rounded. Color and accuracy figures are factory statements. Specifications are subject to change without notice. Images may show optional equipment. All dimensions and weights are approximate; U.S. values are converted from the factory's metric data. Document date: Nov 2026. Next Level Enterprises · www.nextlevel.plus · +1 941-900-3018 · sales@nextlevel.plus