

Portable 3D Scanning System

Translate any physical object into an accurate 3D digital scan that can be perfectly replicated or enlarged with this portable scanning System.



Streamline Automation Ltd.
Toll Free: 1.877.358.0555
Tel: 403.250.1073
Info@frog3d.com
WWW.FROG3D.COM

CAPTURE OBJECTS IN A FLASH

FROGScan Flash™ is an advanced portable 3D scanning system for capturing accurate digital scans of any kind of physical object. Instead of using manual processes to create digital models, FROGScan™ Flash gives you the ability to translate any object into a detailed 3D file that can then be perfectly replicated or enlarged. Using advanced white light technology, FROGScan™ Flash is able to capture a digital 3D scan in seconds and in color. It is offered as a standalone, portable solution that can be easily transported and set-up when and where required. Once complete, the scanned file can be edited and prepared for production using FROGWare™ software, and then passed to FROGMill™ for accurate replication or enlargement. Let FROGScan™ Flash expand your capabilities and grow your product line.



WHY FROGSCAN™ FLASH

Expanded Product Lines and Markets – Scan objects never thought possible before and create incredible 3D products . Grow your company and open up new markets.

Improved Productivity – By replacing traditional methods with an automated solution you can turn your ideas into reality, without the hassles and wasted time. Impressive scanning speeds means producing more products faster, letting you ramp up productivity and satisfy more customers.

Better End Products – Cutting edge technology and industrial grade components ensure durability and stability, allowing you to create designs impossible with lesser machines.



KEY FEATURES

- **Fast Scan Speed** – FROGScan™ Flash uses white light technology that captures objects in matter of seconds.
- **Portability** – FROGScan™ Flash is a standalone system that can easily be transported to wherever it's needed.
- **Quality and Accuracy** – FROGScan™ Flash can generate scans with up to 100 micron accuracy and it is built to withstand heavy use in an industrial environment.
- **Scan in Color** – FROGScan™ Flash allows for seamless capture of high-quality geometry and colors simultaneously.
- **Integrated Software** – In addition to its powerful 3D data acquisition capabilities, FROGScan™ Flash includes 3D scanning software offering post-processing capabilities like scan alignment and merging.

- **Dynamic Referencing** – FROGScan™ Flash automatically aligns and realigns 3D scan data using self-positioning technology. Pause and resume scans with no issues while FROGScan™ Flash automatically finds its last scanned area.
- **Point and Shoot** – Learn to use FROGScan™ Flash in under 2 minutes with its point and shoot technology.
- **End-to-End Automation** – FROGScan™ Flash has been designed to work seamlessly with other FROG3D® components, eliminating the hassles that come with non-integrated components.
- **Comprehensive Training and Technical Support** – Streamline backs up each of our products with second-to-none training programs and technical support to get you up and running quickly.



SPECIFICATIONS

	METRIC	STANDARD
Part Size Range (Reccomended)	0.3 m - 3.0 m	1ft - 10 ft
Accuracy	Up tp 0.250 mm	0.01 in
Mesh Resolution	0.500 mm	0.020 in
Measurment Resolution	0.250 mm	0.010 in
Measurment Rate	550,000 measurments/sec.	
Volumetric Accuracy	0.500 mm/m	0.006 in/ft
Scanning Area (Single Capture)	380 mm x 380 mm	15 x 15 in
Stand-Off Distance	400 mm	15.75 in
Depth of Field	250 mm	10 in
Light of Source	White Light (LED)	
Colors	24 bits	
Texture Resolution	50 to 150 DPI	
Positioning Method	Geometry and/or targets and/or texture	
Colors	24 bits	
Weight	950 g	2.1 lb
Dimensions	150 x 171 x 251 mm	5.9 x 6.7 x 9.9"
Connection Standard	1 x USB 2.0	
Output Format	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr	
Certifications	EC Compliance, IP50, WEEE	