CFW1-8-25.

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PRODUCT PAGE

MADE IN USA

Precision Machined Reliable Performance

FLI color filter wheels are engineered for reliable performance, ideal for harsh or remote environments. Each wheel features a proprietary no-slip drive chain, a precision stepper motor, and a large-diameter pivot pin paired with precision-ground bushings—delivering smooth, quiet, and dependable operation. And because FLI filter wheels do not use internal lights for homing, your images remain fully protected from stray light interference. The CFW1-8 supports unmounted filters, 3 mm to 5 mm thick.



KEY SPECIFICATIONS

POSITIONS	SIZE	INTERNAL WHEELS	THICKNESS	WEIGHT	INTERFACE
8	25 mm / 1" diameter	1	20.6 mm	1.7 lbs. (0.77 kg)	USB

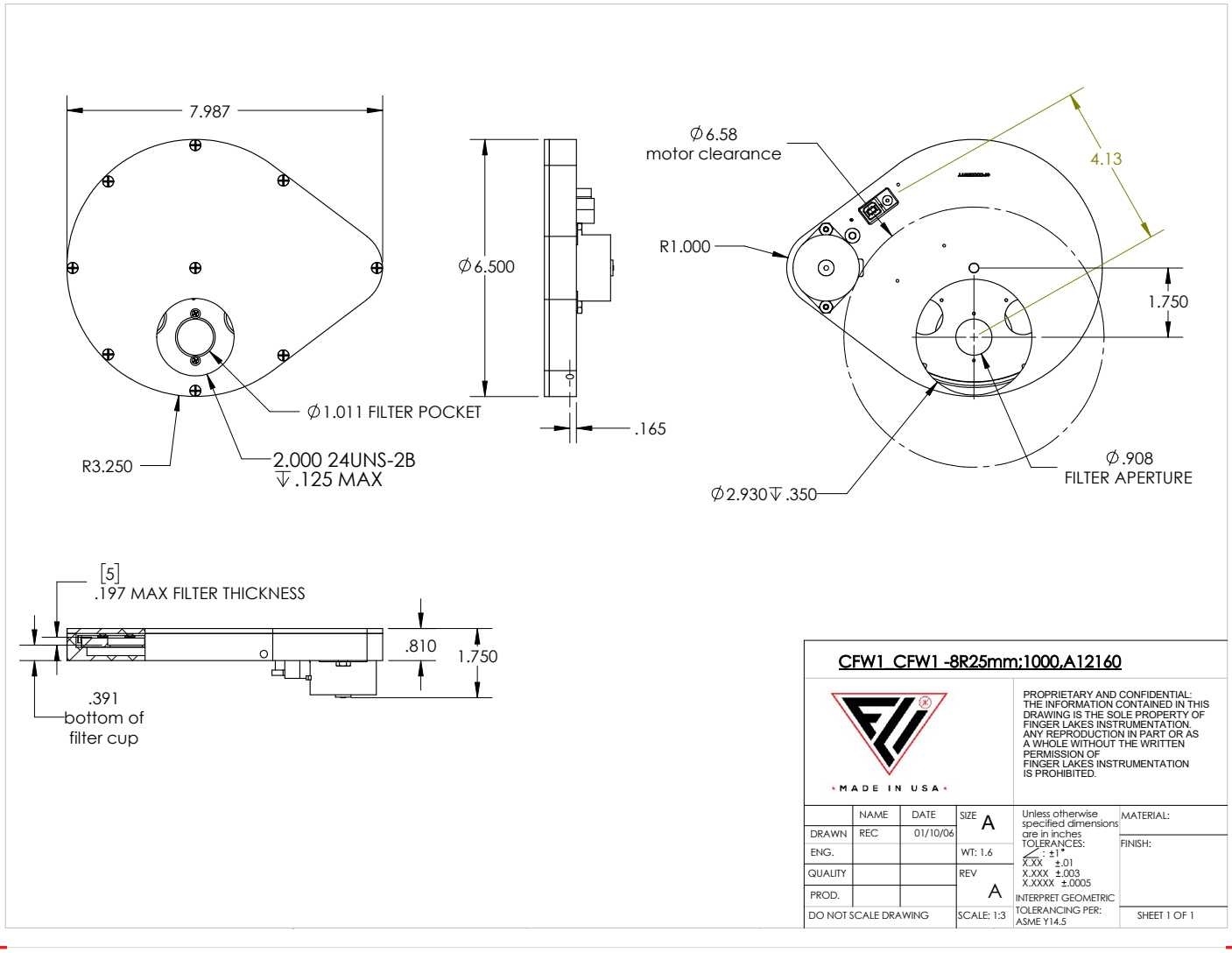
TECHNICAL DATA

Filter Positions	8	**Recommended filter size (±0.125 mm)**	25 mm / 1" diameter
Filter Thickness Range	3.0 - 5.0 mm	**Wheels**	1
Overall Thickness (less motor)	20.6 mm	**Weight**	1.7 lbs. (0.77 kg)
Interface	USB	**Camera Side Connection**	2.930" pocket (mates to FLI dovetail)
Optical Side Connection	2.005" 24 UNS-2B	**Wheel Material**	Aluminum
Power	12V	**Drawing**	See page 2

NOTES AND OPERATING CONDITIONS

Package contents: power supply and USB cable included. All FLI filter wheels use unmounted filters only.

MECHANICAL OUTLINE



FINGER LAKES INSTRUMENTATION · MADE IN USA

Request a quote for CFW1-8-25

REQUEST A QUOTE

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