

FLASH 11 & 24

FLASH Series

LSI revolutionized the spring testing industry again with the FLASH series testers. Our Whisper servo drive is a closed-loop servo drive that increases rapid travel speed by 200% for faster and quieter testing up to full load!

Standard Features:

- Compression and extension testing of force and length
- FLASH touch screen interface (integrated Windows 10)
- 20 bit internal resolution
- NIST traceable digital calibration

• **FLASH 11 & 24 REQUIRE 240 VAC POWER INPUT**

Mechanical Features:

- 1" Ø preloaded / pretensioned ball screws
- Rigid preloaded linear bearings
- Smart interchangeable load cells (choose from 8)
- Up to 1,000 lb capacity
- Whisper servo drive
- Up to 1 3/8" thru-rod

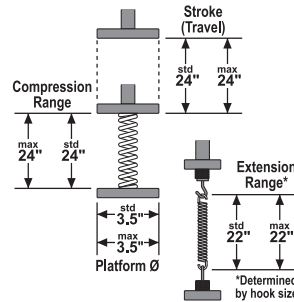
Connectivity Features:

- Ethernet port for network program transfers from UTM
- USB for easy printing / software updates
- RS 232
- Automation interface
- Remote support / diagnostic capability via the internet
- VGA output / remote start & operation capability

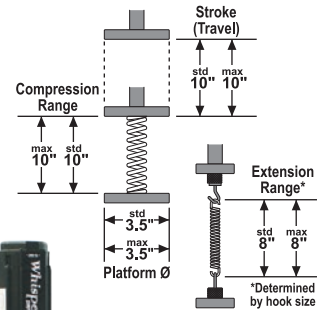
Safety Features:

- Easy access to emergency shutoff and test abort
- Interlocked full enclosure
- Mechanical overload stops
- Software length / force limits

FLASH 24 Part Size



FLASH 11 Part Size



FLASH 11 / 24 - Force Specifications			
Part No.	Capacity	Resolution	
		0-20% FS	20-100% FS
025-0000-0814-00	2 lb	0.0001 lb	0.001 lb
	907 g	0.02 g	0.2 g
	8.9 N	0.0002 N	0.002 N
025-0000-0814-01	11 lb	0.0002 lb	0.002 lb
	5 kg	0.1 g	1 g
	49 N	0.001 N	0.01 N
025-0000-0814-02	22 lb	0.0005 lb	0.005 lb
	10 kg	0.2 g	2 g
	98 N	0.002 N	0.02 N
025-0000-0814-03	66 lb	0.001 lb	0.01 lb
	30 kg	0.5 g	5 g
	294 N	0.005 N	0.05 N
025-0000-0814-04	110 lb	0.002 lb	0.02 lb
	50 kg	0.001 kg	0.01 kg
	489 N	0.01 N	0.1 N
025-0000-0814-05	200 lb	0.005 lb	0.05 lb
	91 kg	0.002 kg	0.02 kg
	890 N	0.02 N	0.2 N
025-0000-0814-06	550 lb	0.01 lb	0.1 lb
	249 kg	0.005 kg	0.05 kg
	2,447 N	0.05 N	0.5 N
025-0000-0814-07	1,000 lb	0.02 lb	0.2 lb
	454 kg	0.01 kg	0.1 kg
	4,448 N	0.1 N	1 N

Accuracy = ± Full Scale Resolution x 2

FLASH 11 / 24 - Length Specifications			
Standard Resolution		High Resolution*	
Resolution	Accuracy (±)	Resolution	Accuracy (±)
0.0005 in	0.001 in	0.0001 in	0.0005 in
0.01 mm	0.02 mm	0.001 mm	0.01 mm

Quick Change Load Cells

Larson System's latest load cell design allows you to swap load cells in just seconds! With a mounting bracket, including two tightening handles, added to the tester's base, this option makes it easy to remove one load cell and replace it with another. Additionally, two cap screws are included at the top of our 550 lb and 1000 lb load cells.



FLASH Sorting Package

This optional package adds a sweeper and a pneumatically powered 3 way sorter. Together with the sorting capabilities of our Pro Spring, Pro Material or Pro Ultimate software packages, you get fast, positive sorting made easy!



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