

Motorized Push/Pull Testers

Program: Test Speed, Force Value, Hold Duration, and Cycles for Destructive or Non-Destructive Testing

VERTICAL MODELS

MX2-110 Capacity 110 lbf

MX2-275 Capacity 275 lbf

MX2-550 Capacity 550 lbf

MX2-1100 Capacity 1100 lbf

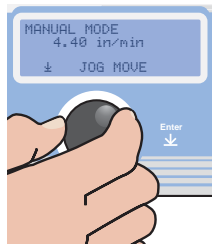
HORIZONTAL MODELS

MH2-110 Capacity 110 lbf

MH2-550 Capacity 550 lbf

Features:

- Manual Control, Precise Jog Increment, Single Cycle, Continuous Cycle and Force Controlled operation (with ZT Series gauges)
- Unique jog movement control, for precise increment testing.
- Easy-to-use program dial and menu screens control speed, timer and cycles
- Programmable timer up to 99' 59.9 sec in 0.1 sec increments
- Conditional Overload Prevention
- Long column model available (MX2-XXX-L)
- Optional digital distance meters available



Easy-to-use program dial moves precise increments in jog move



MX2-110-S with optional digital distance meter



MX2-275-S with optional digital distance meter



MX2-550-S with optional digital distance meter



MX2-1100



MH2-110



MH2-550

Force Control

MX2, MH2 and EMX test stands when coupled with Imada ZT force gauges are able to perform force controlled testing to:

- Maintain Force Between High/Low Setpoints
- Increase Force to High Setpoint and Stop

Specifications		VERTICAL				HORIZONTAL	
Model		MX2-110	MX2-275	MX2-550	MX2-1100	MH2-110	MH2-550
Max Load		110 lbf	275 lbf	550 lbf	1100 lbf	110 lbf	550 lbf
Speed in/min (mm/min)	Standard Speed	0.4~12 (10~305)	0.4~12 (10~305)	0.4~12 (10~305)	0.02~12 (0.5~305)	0.4~12 (10~305)	0.4~12 (10~305)
	Optional High Speed	0.8~24 (20~600)	1~30 (25~750)	1~30 (25~750)	—	8~24 (20~600)	—
	Optional Low Speed	0.12~3.6 (3~90)	0.1~3 (2.5~75)	0.1~3.5 (2.5~75)	—	0.1~3.5 (3~90)	0.09~3.5 (2.5~75)
Stroke	Standard Model	9.4" (240 mm)	11.8" (300 mm)	11.8" (300 mm)	11.8" (300 mm)	9" (230 mm)	11.8" (300 mm)
	Optional Long Column	17.3" (440 mm)	23.6" (600 mm)	23.6" (600 mm)	19.7" (500 mm)	—	—
Throat		2.7" (70 mm)	2.7" (70 mm)	2.7" (70 mm)	3.1" (80 mm)	—	—
Dial click (standard speed, no load)		0.015 mm	0.01 mm	0.05 mm	0.05 mm	0.015 mm	0.05 mm
Deflection (at maximum load)		0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm

Other speeds available, please inquire. Optional extender plate adds 5" clearance



IMADA®, Inc. ISO 9001 Registered & ISO/IEC 17025 Accredited
 3100 Dundee Rd., Suite 707, Northbrook, IL 60062
 Tel: 847-562-0834 Fax: 847-562-0839 www.imada.com E-mail: imada@imada.com

Manual Push/Pull Testers

Lever-Operated Stands Enable Rapid Testing

Vertical Lever Stand

SVL-220 220 lbf capacity

SVL-220-S with standard digital distance meter

- Stroke: 2.3" (60 mm) per 170° lever movement
- Maximum clearance 10.4"
- Optional long column model (SVL-220-L) 18.3"
- Optional extender adds 5" clearance
- Easy to change from tension to compression mode



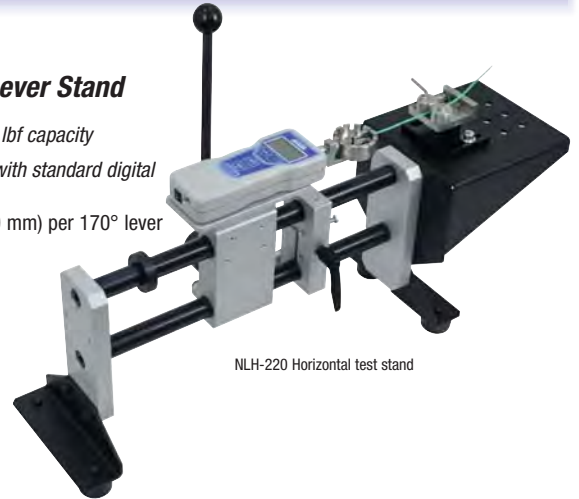
SVL-220-S with optional digital distance meter

Horizontal Lever Stand

NLH-220 220 lbf capacity

NLH-220-S with standard digital distance meter

- Stroke: 2.3" (60 mm) per 170° lever movement



NLH-220 Horizontal test stand

Wheel-Operated Stands Facilitate a High Degree of Control

- Hand wheel facilitates a high degree of precise control
- One stand for both compression (push) and tension (pull)
- Gauge remains in place when hand wheel is released.
- Optional digital distance meter (-S model)

VERTICAL MODELS

KV-11-S Capacity 11 lbf

SVH-220 Capacity 220 lbf

HV-110 Capacity 110 lbf

HV-220 Capacity 220 lbf

HV-750 Capacity 750 lbf



KV-11 Micro movement stand with digital distance meter

SVH-220-S with optional digital distance meter

HORIZONTAL MODELS

SH-110 Capacity 110 lbf

SH-750 Capacity 750 lbf



HV-110-S with optional digital distance meter
Long column model available (-L model)

HV-750-S with optional digital distance meter

Manual Wheel-Operated Test Stand Specifications

Model	Capacity	Stroke	Travel/Rotation	
Vertical	SVH-220 or SVH-220-S	220 lbf	2.36" (60 mm)*	3 mm
	HV-110 or HV-110-S	110 lbf	10.8" (275 mm)	2 mm
	HV-110-L or HV-110-L-S	110 lbf	18.7" (475 mm)	2 mm
	HV-220 or HV-220-S	220 lbf	10.8" (275 mm)	1.2 mm
	HV-220-L or HV-220-L-S	220 lbf	18.7" (475 mm)	1.2 mm
	HV-750 or HV-750-S	750 lbf	14.9" (379 mm)	0.6 mm
Horizontal	KV-11-S	11 lbf	2.75" (70 mm)	1 mm
	SH-220 or SH-220-S	220 lbf	11.8" (300 mm)	1.2 mm
	SH-750 or SH-750-S	750 lbf	14.5" (370 mm)	0.6 mm

Appearance varies by model. Optional digital distance meter, add -S to the model number.
*SVH-220 clearance 10.4"; SVH-220-L (long column) clearance 18.3"



SH-220 Horizontal test stand



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