

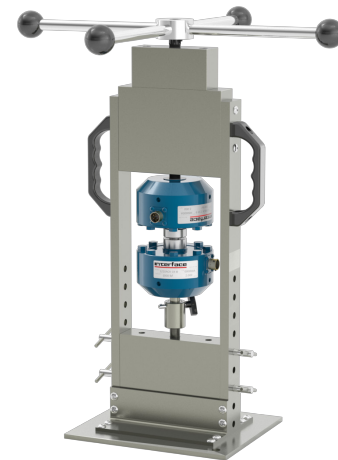
INTERFACE FORCE VERIFICATION FRAME (U.S. & METRIC)

The Interface Force Verification Frame is a portable high force capacity frame and accessories designed to apply tension and compression forces to load cells with high resolution and accuracy. The system features a reaction frame, manual actuator, thread/adaptor accessories, and optional force sensor(s) and instrumentation. The hardware can be used to verify operation of a device under test or calibrate relative to a second reference load cell.

STANDARD CONFIGURATION



MODEL IFVF-1000 (Shown)



MODEL IFVF-5000 (Shown)

FEATURES & BENEFITS

- Up to 5,000 lbf capacity. 0.006" per turn High Resolution Actuator
- Portable, Lightweight, and Accurate
- Quick Change Thread Adapters with Adjustment

SPECIFICATIONS

Actuation		Manual, High Resolution, 0.006 in (0.15 mm) per turn 1K via Hand Wheel and 2.5K & 5K via Radial Handles						
Force Capacity (Tension and Compression Capability)		<table border="1"> <tr> <td>IFVF-1K</td> <td>± 1k lbf Hand Wheel Rotation</td> </tr> <tr> <td>IFVF-2.5K</td> <td>± 2.5k lbf Handle Rotation</td> </tr> <tr> <td>IFVF-5K</td> <td>± 5k lbf Handle Rotation</td> </tr> </table>	IFVF-1K	± 1k lbf Hand Wheel Rotation	IFVF-2.5K	± 2.5k lbf Handle Rotation	IFVF-5K	± 5k lbf Handle Rotation
IFVF-1K	± 1k lbf Hand Wheel Rotation							
IFVF-2.5K	± 2.5k lbf Handle Rotation							
IFVF-5K	± 5k lbf Handle Rotation							
Dimensions	in	8.0 x 9.5 x 20.5						
	mm	203.2 x 241.3 x 520.7						
Weight	lbs	Under 20						
	kg	Under 9						

OPTIONS

- Custom Sizes, Fixtures, and Materials
- Calibration Grade Load Cells
- Digital Indicators
- Data Logging

ACCESSORIES



Thread Adapters	
Female - Male	
Male - Male	
Female - Female	
Common Adapter Sizes	
U.S.	Metric
6-32, 10-32, 1/4-28, 3/8-24, 1/2-20, 5/8-18	M6, M8, M10, M12
Pre-configured kits with common sizes available	



Post Adapters and Platens	
Post - Male	
Post - Female	
Compression Platens	
Common Adapter Sizes	
U.S.	Metric
6-32, 10-32, 1/4-28, 3/8-24, 1/2-20, 5/8-18	M6, M8, M10, M12
Pre-configured kits with common sizes available	