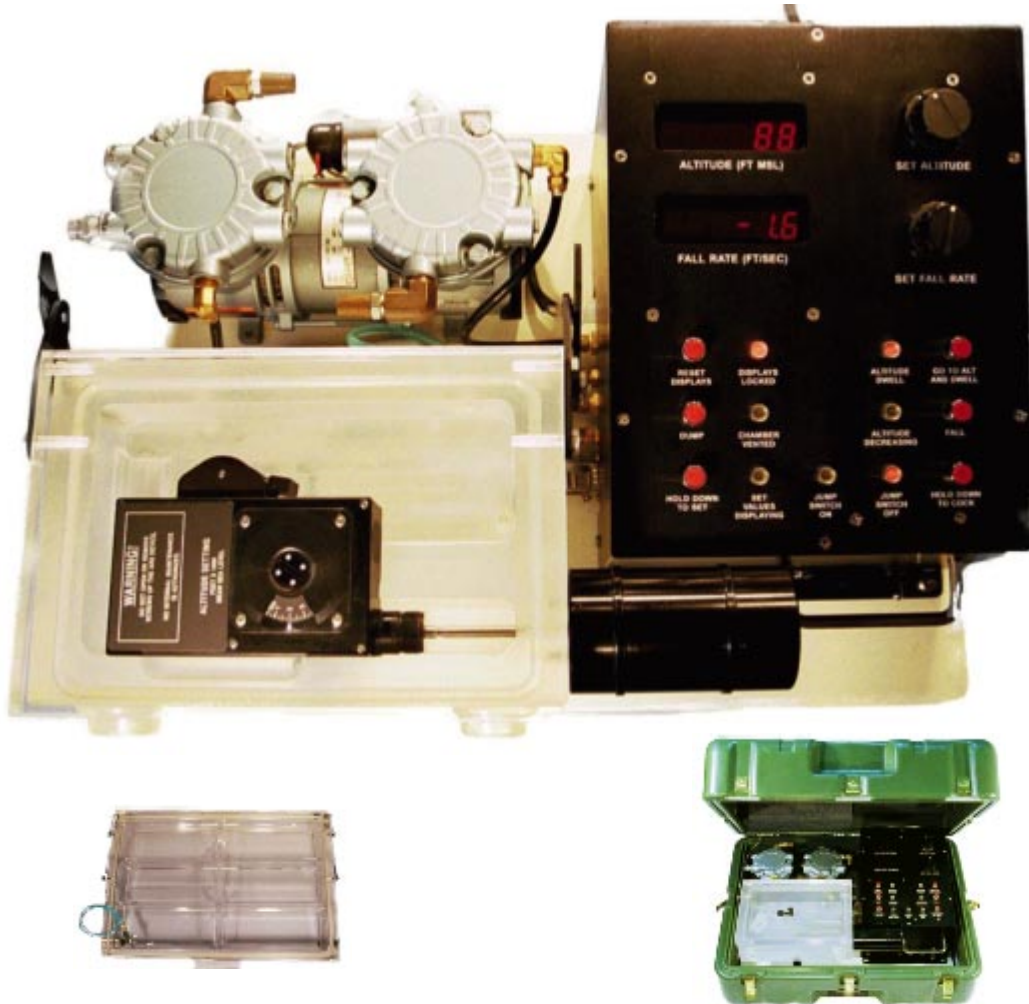


# Model 453 Electronic Test Chamber Assembly



Model 467 Wrist Altimeter Test Chamber

Model 453 Electronic Test Chamber  
(inside storage case)

## APPLICATION

The Model 453 Electronic Test Chamber is designed for field testing the Model 451 Automatic Ripcord Release (AR2) and the Model 451-600 Waterproof AR2 (WAR2). The Model 453 incorporates a highly accurate pressure sensor with digital displays for clear and precise measurement of altitude and rate of descent.

## FEATURES

Automatic rate-of-descent control maintains a constant descent rate over the entire altitude range. Simple operator controls and electronic interlocks provide test efficiency and prevent operator errors. A quick-disconnect port provides easy connection with our Model 467 Wrist Altimeter Test Chamber or a user-provided altitude chamber for testing other barometric devices.



**L. J. ENGINEERING, INC.**

18192 Gothard Street  
Huntington Beach, CA 92648

Phone: (714) 848-8001

Fax: (714) 848-0973

Website: [www.ljengineering.com](http://www.ljengineering.com)

# Model 453 Electronic Test Chamber Assembly

## SPECIFICATIONS

Operational Features:	Simulates the entire operating range of Model 451 Automatic Ripcord Release and Model 451-600 Waterproof Automatic Ripcord Release
	Provides preselect capability for both altitude and rate of descent
	Uses servo-controlled rate of descent to maintain rate setting throughout entire altitude range
	Features simple, rapid functioning with electronic interlocks to assure correct operational sequence
	Captures display readings for both altitude and rate of descent of AR2 and WAR2 actuation
	Provides remote altitude source and calibration capability through a quick-disconnect coupling
Operational Ranges:	-1,500 to 40,000 feet altitude Mean Sea Level (MSL)
	10 to 240 feet MSL
Altimeter:	Electronic pressure transducer with LED display reading in one-foot increments
Rate of Descent:	Electronic LED display indicates rate of descent to one-tenth foot per second
Physical Characteristics:	
Standard Configuration:	120 VAC, 50/60 HZ, 5 amp, with ground
Optional Configuration:	240 VAC, 50/60 HZ, 2.5 amp, with ground
Carry/Storage Case:	Molded polyethylene housing with gasket and carrying handles
	Interior padded with shock-cushioning foam
	Exterior dimensions: 26 in. L x 19 in. W x 12.2 in. H
Weight with Case:	60 pounds