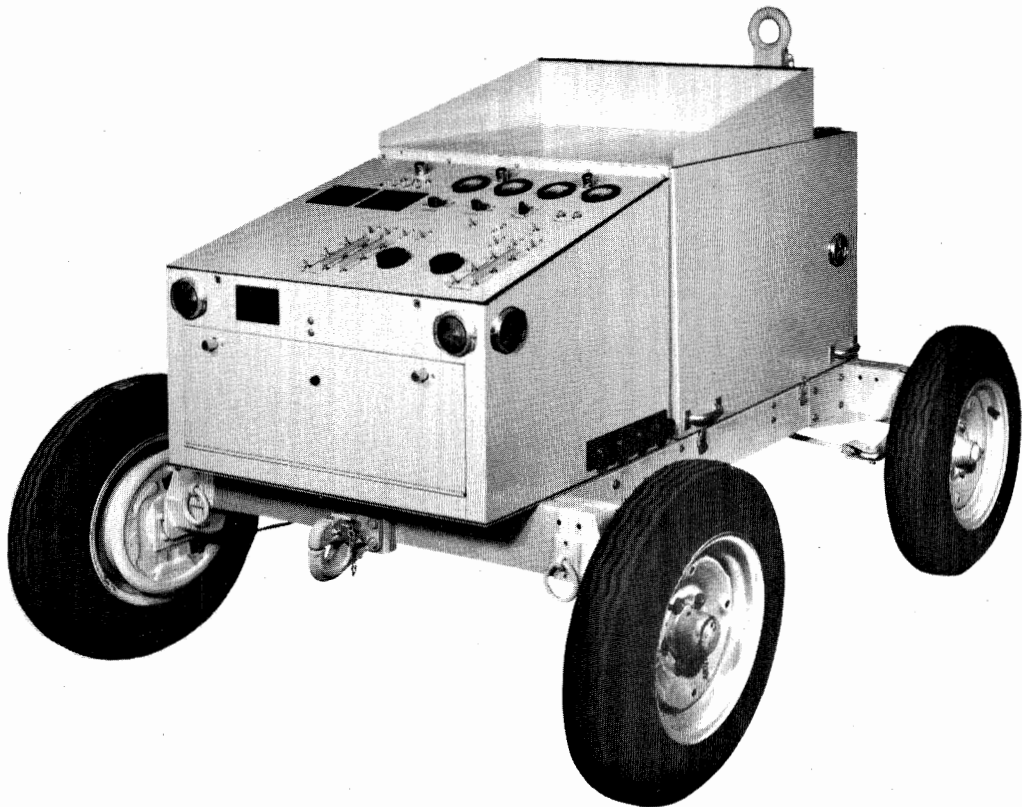


TECHNICAL DATA SHEET

COGNIZANT SERVICE: FEDERAL STOCK NUMBER: SPECIFICATION NUMBER:	ITEM NAME: Portable Load Bank Tester MODEL NUMBER: A510B FUNCTIONAL CLASSIFICATION:
STATUS OR TYPE CLASSIFICATION:	U.S.A. U.S.N. U.S.A.F. U.S.M.C.
MANUFACTURERS NAME AND CODE: Essex Electro Engineers, Inc., Bensenville, Illinois 60106-21269	



OVERALL DIMENSIONS AND WEIGHT:

Length: 90 inches Width: 68 inches Height: 48" to top of housing
 61" with draw bar up Weight: 1450 pounds

FUNCTIONAL DESCRIPTION:

The Essex Electro Engineers, Inc., Model A510B Load Bank is designed to test 230/400 VAC, 3 phase, 4 wire, 400 hertz power systems only. The maximum capacity is 100 KW and 77.5 KVAR at rated voltage. The Load Bank is a totally self-contained, forced air cooled, four wheel trailer mounted unit suitable for indoor or outdoor use in any natural environment. The control panel has controls for infinitely adjustable, balanced three phase load selection with special controls to provide 5 KW and 5 KVAR per phase unbalanced loading. The control panel also has Volt, Amp, Watt, and Power Factor meters to accurately measure the amount of absorbed energy. Selector switches provide meter phase

and range selection. A shock load switch is provided to suddenly apply any amount of pre-programmed loading in a single step.

The Load Bank is mounted on a four-wheel chassis. It can be towed over paved highways at 25 MPH and graded gravel roads at 12-1/2 MPH. The drawbar is equipped with a lunette eye with two safety chains. A towbar latch is also provided which will hold the drawbar in an upright position when not in use. The front axle provides a cramping angle of 40 degrees and has a turning radius of 16 feet. Parking brakes are provided on the rear wheels and are operated by a single hand

