

NEW PRODUCT PRESS RELEASE



FOR IMMEDIATE RELEASE

FORCE MEASUREMENT TEST KIT OPTIONS FROM NOSHOK

Cleveland, Ohio (December 12, 2008) Two new Force Measurement Test Kits are now available from NOSHOK, The Instrumentation Company: the Chain Hoist Testing Kit (CHTK) and the Weld Force Testing Kit (WFTK).

CHTK CHAIN HOIST TESTING KIT FOR FRICTION CLUTCH TESTING ON CHAIN HOISTS



With the new CHTK tester for overload cutoff, NOSHOK offers a precise, durable and dependable tester for slip couplings on chain hoists. The CHTK provides a wide range of measurement, with high accuracy, low weight and ease of use.

To perform the test, the force transducer is inserted into the chain, travels upwards with it against the base of the chain hoist and thereby blocks the chain. The display unit allows you to read the load at which the friction clutch stalls.



The CHTK consists of a force transducer with integrated handle and a display unit. Two chain adapters and three centering sleeves are also included in the kit, to ensure the CHTK can be used for most types of chain hoists in the specified load range. The large illuminated graphic display makes it very easy for the user to read the measured values. Optionally, 99 different data sets can be stored and transferred via an infrared interface to a PC. The CHTK's special feature is the single sensor concept for the entire load range.

[Link to CHTK Hi-Res Photo](#)

[Link to Catalog Specifications](#)

WFTK WELD FORCE TESTING KIT - FOR MEASURING ELECTRODE FORCE ON SPOT WELDING EQUIPMENT

NOSHOK's Weld Force Testing Kit (WFTK) is designed to easily and accurately check electrode force in spot welding equipment. The WFTK consists of a force transducer, a handheld display unit, plastic carrying case, charger, 2-meter signal cable and Manufacturer's Test Certificate. The WFTK Kit weighs only 13 lbs, and features a Max/Min Value Memory, a large illuminated display, and electrode diameters of 14...20mm.



To check the force acting on the electrodes, the force transducer is held between the electrodes. The concave surfaces center the force transducer. When the welding electrodes come together, the magnitude of the applied force can be read on the display unit. The force transducer is of a shear force construction and, therefore, insensitive to transverse forces and torques. It has a measuring range of 0...10kN. The output signal is connected to the handheld display unit via a cable. This display unit carries the voltage supply for the transducer. Alternatively, the supply can be taken from a PLC. The sensor, which is laser welded, has all the advantages of the conventional bonded foil strain gauges, but without having their substantial disadvantages (temperature drifts due to the glue and creeping).

[Link to Catalog Specifications](#)

[Link to WFTK Hi-Res Photo](#)

NOSHOK, Inc. is a leading supplier of pressure and temperature instrumentation serving major industries around the world. Products include pressure gauges, pressure and temperature transmitters, transducers & indicators, pressure switches, needle valves, manifold valves, pressure snubbers, bimetal thermometers, force measurement and diaphragm seals. These products meet and exceed the application requirements of OEM's and industrial users seeking exceptional quality, reliability and value.

For more information on NOSHOK products, please visit our website at <http://www.noshok.com>
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