



K Test Series FORCE PUSH PULL GAUGE

KFG -02



Features

*Measures Tensile and Compression forces
*Available in Different Units of measurement: lb, Kg, N, gms, * Peak Hold / Instantaneous mode selection * Front panel Tare for easy zero,
*Automatic Peak Force Memory * Battery or AC Operation

Optional Features

Set point facility with corresponding relay outputs
BCD output * 0-10 V or 4-20 mA linear output corresponding to load value *RS 232 type serial interface for PC *General Purpose I/O for external device control
Dual Set Point operation * Permanent configuration Memory* Printer output



Kalpak K Test Series Force Push/Pull Gauge uses Load cells to accurately sense the Push/ Pull force on specimen under test and display it on easy to read LCD Display in lbs, Kgs Newtons or gms.

It is a cost effective, portable and handy instrument with great accuracy and linearity. This instrument can be used in remote locations due to its light weight and battery operation. It has inbuilt memory as also optional PC and Printer connectivity so that the stored data can be dumped in the PC for data analysis and printout can be taken through parallel printer port.

Typical Applications

Auto Components Switches, Windshield Wipers, Seat Belt Retractors, Spring and Magnet assemblies

Electronic Components Connectors, Terminal Blocks,, PCBs, Terminals, Switches, Wire Bonds on Ceramic Substrates, Wire Wrap Terminals, Crimp terminals, Soldered Parts, Laminates, Thermo Compression Bonds

Medical Surgical Blade Sharpness, Catheter Strength, Bandage Adhesion, Stent strength, Syringe Insertion and extraction Force,Pharmaceutical Pills,

Mechanical Parts Springs, Drive shafts, Chains

Specifications

Input Range & Accuracy- 1 to 100Kgs Load Cell, 0.1% of Full Scale

Display - 8 Character back lit LCD Display

Controls - Tare, Instantaneous or Peak Hold Selection, Reset

Sensor deflection Maximum deflection 0.25mm at full load

Safe Overload 150% of full range, Display reads " OPEN" at 110% and above

Power Requirement 230 VAC +/- 10%, 50 Hz or 9V battery for Portable version

Dimensions 220(H) x 100(W) x 40(T) mm without stand

Optional :

Analog Output - +/- 1 VDC +/- 0.25% of full scale capacity, + for Compression, - for Tension, *Set point facility with Three open collector outputs each of 100 mA capacity *

BCD output * 0-10 V or 4-20 mA linear output corresponding to load value *RS 232 type serial interface for PC *General Purpose I/O for external device control*Dual Set Point operation * Permanent configuration Memory* Printer output



KALPAK INSTRUMENTS & CONTROLS

16, N.R. Industrial Estate, Hingane Khurd, Vitthalwadi, Pune - 411 051 Tel : (020) 2434 6363, 2434 6802,
Fax : (020) 2434 6363, E-mail : kalpakpune@vsnl.com, WEBSITE : www.kalpakpune.com