



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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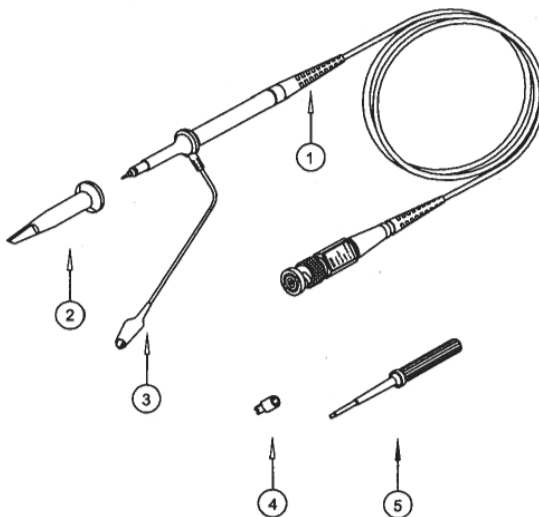


User Manual

EXTECH[®]
INSTRUMENTS
A FLIR COMPANY

Oscilloscope Probe

MODEL TL620



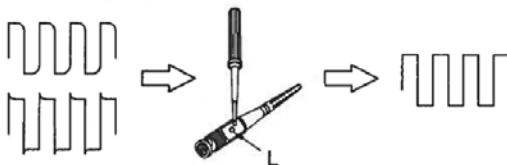
1. Probe Rod
2. Probe Tip
3. Ground Lead
4. Tip Locating Sleeve
5. Adjustment Tool

Specifications

Attenuation	X1, X10
Input Resistance	X1: $1\text{M}\Omega\pm 2\%$, X10: $10\text{M}\Omega\pm 2\%$
Input Capacitance	X1: 85pF to 115pF, X10: 18.5pF to 22.5pF
Compensation Range	15pF to 40pF
Bandwidth	X1: DC to 6MHz, X10: DC to 60MHz/100MHz/200MHz
Maximum Input Voltage	X1: <200VDC + Peak AC X10: <600VDC + Peak AC
Cable Length	120cm (47")
Weight	55g (0.15lb)
Operating Temperature	-10°C to 50°C (14F to 122°F)
Storage Temperature	-20°C to 75°C (-4F to 167°F)
Humidity	<85% RH

Low Frequency Probe Compensation

Before taking any measurements using the probe, first check the compensation and adjust it to match the channel inputs. Most oscilloscopes have a square wave reference signal available at a terminal on the front panel used to compensate the probe. Connect the probe to the signal source to display a 1kHz test signal on the oscilloscope. Adjust the trimmer "L" until the signal displays a flat-top square wave.



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