SPECIFICATIONS:

MODEL	OIHVP250
Attenuation Ratio	X100
Bandwidth (MHz)	250
Rise-time(ns)	1.4
Input ① Resistance	100M
Input Capacitance	6.5pF
Compensation Range	10-50pF
Working Voltage	2000VDC+pk AC
Safety	Conformed IEC-61010 CATII
Cable Length	1.3M
Note	① 100M when used with oscilloscope s with 1M input

海洋儀器

致力于电子测试、维护领域!

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企业QQ：800057747　　维修QQ：508005118　　手机：13699295117

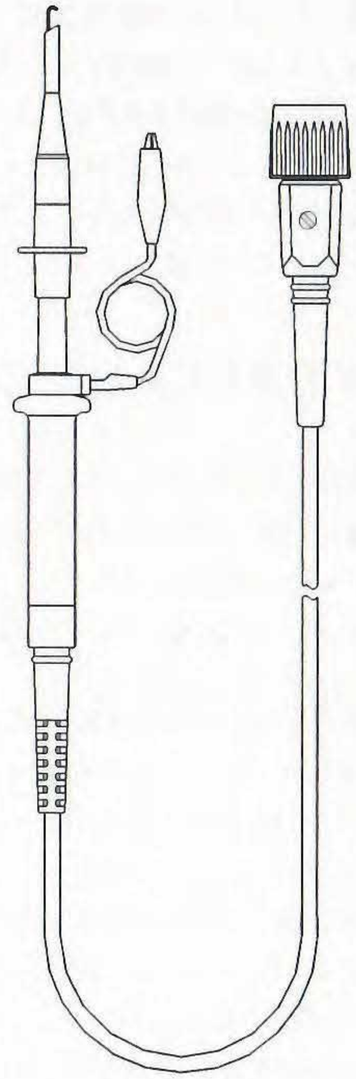
微信公众号：Oceanxingye1984　　企业微信号：13699295117

企业官网：www.hyxyyq.com　　系统集成：www.oitek.com.cn

在线商城：www.gooxian.com　　邮箱：market@oitek.com.cn

Oscilloscope probe

OIHVP250



IEC61010-031

100:1

2000VDC+pk.AC

User's manual

Please read before using this probe

Update: Oct 20 2014

INTRODUCTION

The OIHVP250 Probe is a passive high impedance oscilloscope probe designed and calibrated for use on instruments having an input impedance of 1M Ohm shunted by 15 pF. However, it may be compensated for use with instruments have an input capacitance of 10-50pF. And within the box cover located near the BNC have one adjust component for the low frequency Trimmer adjustment

SAFETY PRECAUTIONS:

This probe must only be used by personal are trained, experienced, or otherwise qualified to recognlize hazardous situations and who are trained in the safety precautions that are necessary to avoid possible injury when using such a device .

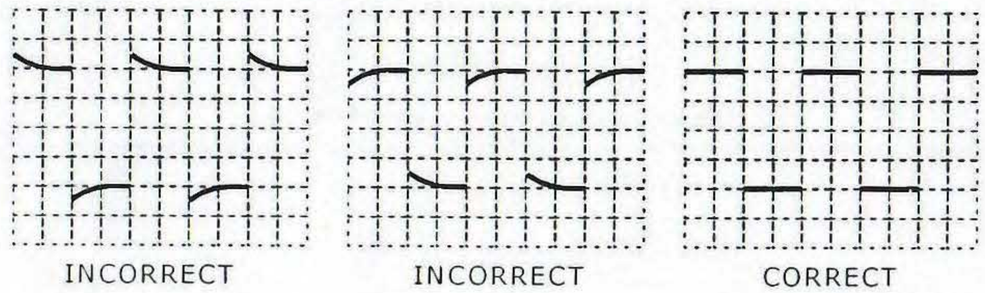
Do not work alone when working with high voltage circuits For you own safety, inspect the probes for cracks and frayed or broken leads before each use, if defects are noted, DO NOT use probe.

Hands, shoes, floor and work bench must be dry, Avoid making measurements under humid, damp or other environmental conditions that might affect the safety of The measurement situation. If possible, always turn the high voltage source off before connection or disconnection the probe.

The probe body should be kept clean and free of any conductive contamination. Refer to the section on cleaning

LOW FREQUENCY COMPENSATION ADJUSTMENT

Low frequency response can be matched to the oscilloscope by adjusting the compensation trimmer on the head of the probe.
Connect the probe to the oscilloscope and to a 1KHz square waveform source.
Set the oscilloscope to display two to three cycles and two to six vertical divisions.
Carefully adjust the trimmer tool to obtain the flattest tops to the square waves displayed on ths oscilloscope, see follow illustrations.



VOLTAGE DERATING CURVE