

HIGH VLOTAGE PROBE SELECTION GUIDE (FOR OSCILLOSCOPE)

| MODEL | PINTEK HVP-8R | PINTEK HVP-10R | PINTEK HVP-18HF | PINTEK HVP-28HF | PINTEK HVP-39pro | PINTEK HVP-15HF | TEKTRONIX P6015A | AGILENT N2771A |
|---------------------------|---|------------------------------|-----------------------|-----------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|
| FRETURE | 8KV 100 : 1 Min. TYPE | 10KV 100 : 1 | 18KV 200M Ω | 28KV 500M Ω | 40KV 900M Ω Performance | 12KV 100M Ω Economic | 20KV 100M Ω | 15KV 100M Ω |
| Division Ratio | 100 : 1 | 100 : 1 | 1000 : 1 | 1000 : 1 | 1000 : 1 | 1000 : 1 | 1000 : 1 | 1000 : 1 |
| Readout | O | O | ---- | ---- | ---- | ---- | ---- | ---- |
| Input Impedance | 100M Ω | 100M Ω | 200M Ω | 500M Ω | 900M Ω | 100M Ω | 100M Ω | 100M Ω |
| Max. DC + AC p-p | 8KV | 10KV | 18KV | 28KV | 40KV | 12KV | 20KV | 15KV |
| Max. AC RMS | 6KV | 7KV | 12KV | 20KV | 28KV | 8KV | 20KV | 10KV |
| Max. Loading Current | 80uA | 100uA | 90uA | 56uA | 45uA | 120uA | 200uA | 150uA |
| Band Width | DC~40MHz | DC~120MHz | DC~150MHz | DC~200MHz | DC~220MHz | DC~50MHz | DC~75MHz | DC~50MHz |
| Rise Time | 9ns | 3ns | 2.4ns | 1.8ns | 1.6ns | 8ns | 4.8ns | 7ns |
| DC V Accuracy | $\leq 3\%$ FULL RANGE | | | | | | $\leq 3\%$ | $\leq 3\%$ |
| AC V Accuracy | $\leq 3\%$ FULL RANGE AT 1 KHz | | | | | | $\leq 3\%$, 1KHz | $\leq 3\%$, 1KHz |
| Output Impedance | 1M Ω For Oscilloscope 【OPTION : PL-10 (USD 33.) For 10M Ω Impedance DMM】 | | | | | | 1M Ω for Oscilloscope | 1M Ω for Oscilloscope |
| NOTE : | 2009. JULY New Model min. type | 2008 New Design CARRY BOX | | | | ---- | CARRY BOX | ---- |
| PRICE USD (FOB Taiwan) | USD 165. | USD 230. | USD 275 | USD 370 | USD 460. | USD 180 | USD 1520. | USD 1203. |

NOTE : All the above data are from the internet information on 2009/4/1.

If any change, please refer to the manufacture's announcement.