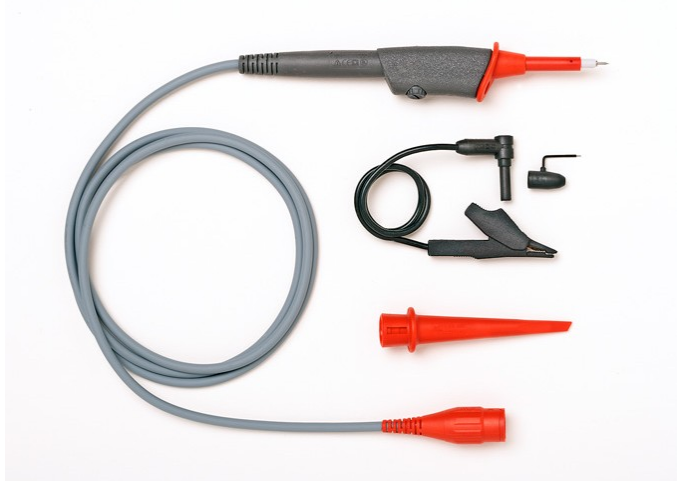


### Models 72940, 72941, 72942 Insulated Scope Probes



**72940-2, X10 Insulated, 500 MHz, Red**  
(additional photos on page 2)

Insulated Scope Probes for use with portable Oscilloscopes.

### Specifications

|                         |   |
|-------------------------|---|
| Dividing ratio          | 10:1  |
| Input capacitance       | 13 pF   |
| Compensation range      | 10 pF ... 30 pF   |
| Frequency range         | 0 ... 500 MHz   |
| Rise time               | 1 ns  |
| Lead length             | 1.20 m (47 in)  |
| Ground Clip lead length | 25 cm (9.75 in)   |
| Ground Clip opening     | 7 mm (0.25 in)  |
| Input impedance         | 10 MΩ ± 1 %   |
| Rated voltage           | CAT II, 600 V (CAT III, 300 V)<br>(frequency-dependant, see derating curve) |

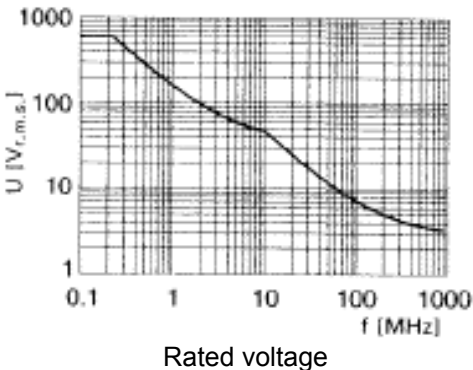
### Features

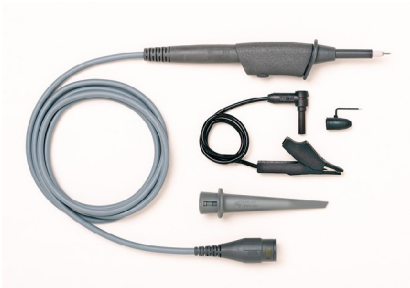
- With a Cat II, 600 V (CAT III, 300 V) rating, these probes are perfect for use with portable oscilloscopes.
- And with a 500 MHz bandwidth, these probes provide plenty of headroom for those high frequency measurements.
- Fully Insulated, Meets IEC 61010-031
- Ergonomic Design with Comfort Grip

### Accessories Included

- Push-on hook clip
- Push-on reference contact
- Reference lead with alligator clip for the connection to the 0.2 mm safety socket in the handle.

**Rating:** CAT II, 600 V (CAT III, 300 V)



**Models 72940, 72941, 72942  
Insulated Scope Probes****72940-8, X10 Insulated, 500 MHz, Gray****72941, Kit Scope Probes, X10 Insulated,  
500 MHz, Red & Gray****72942, Probe & Lead Kit for Portable Scopes**

Sales: 010-62176775  
Fax: 010-62176619  
e-mail: [market@oitek.com.cn](mailto:market@oitek.com.cn)

Where to Buy: [www.hyxyyq.com](http://www.hyxyyq.com)

**Ordering Information**

| Model Number | Description   | Items Included   |
|--------------|---|--|
| 72940-2      | Scope Probe, X10 Insulated, 500 MHz, Red              | Red scope probe, black ground lead, red sprung hook, probe tip ground  |
| 72940-8      | Scope Probe, X10 Insulated, 500 MHz, Gray             | Gray scope probe, black ground lead, gray sprung hook, probe tip ground  |
| 72941        | Kit, Scope Probes, X10 Insulated, 500 MHz, Red & Gray | Red scope probe, gray scope probe, black ground lead, red sprung hook, gray sprung hook, probe tip ground  |
| 72942        | Probe & Lead Kit for Portable Scopes                  | 72940-2 red scope probe, black ground lead, red sprung hook, probe tip ground, 5907A test leads (straight / right-angle Banana), 5916A and 6041B Alligator Clips, 5910B and 5912B Grabbers, 6146 carrying case |

All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.