

MicroGripper

0.5-0.3mm MicroGripper

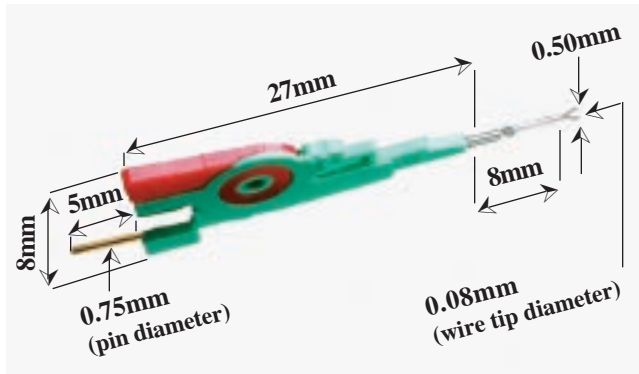


Industry's smallest gripper simplifies testing of High-Performance Integrated Circuits

- ◆ *Used on a variety of QFP & SOIC chip packages*
- ◆ *Connects to devices with lead pitches as small as 0.3mm*
- ◆ *Reduces chance of shorting with smallest wire tip diameter (0.08mm)*
- ◆ *Thin body design allows side-by-side placement of multiple grippers*
- ◆ *Provides more flexibility than test clips*
- ◆ *Eliminates time-consuming soldering*
- ◆ *Allows hands-free testing*



Using the MicroGripper when connecting test equipment to PQFP packages reduces your project time.



0.5mm to 0.3mm MicroGripper

When connecting test equipment such as emulators, logic analyzers, or oscilloscopes to individual PQFP leads, the MicroGripper makes it quick and easy.

No more time-consuming soldering to leads or buying test clips that may never be used again. The MicroGripper is uniquely designed to provide hands-free testing of one lead or can be stacked for multiple pin testing.

FEATURES

- ◆ Effective on PQFP packages up to **304 pins** and with a maximum frequency of **100MHz**
- ◆ Tongue-in-groove design enables side-by-side testing
- ◆ Insulated wire tip prevents shorting out when attached side-by-side
- ◆ Industry's smallest wire tip diameter of 0.08mm eases attachment
- ◆ Color-coded receptacle wires for easy identification of isolated pin connection
- ◆ Slide bar included in 10-pack to secure placement of multiple grippers
- ◆ Trigger mechanism is easier to use than typical push method
- ◆ Constructed of steel wire or stainless steel, Nickel plated with ABS plastic finish
- ◆ Rated: 500WVDC

OPERATING CHARACTERISTICS

- ◆ Capacitance
 < 2.0pF between adjacent grippers, measured at 1KHz
- ◆ Inductance
 < 1mH at 1KHz
- ◆ Bandwidth (3dB)
 > 100MHz
- ◆ Actuating Handle Life
 > 10,000 cycles

We suggest using a magnifying glass such as this 2-inch magnifier with a special 6X power lens which provides extra magnification and sharpness throughout the viewing area. To order, ask for part # MAG6X (See below).



Part #	Description	Quantity
FP-2S-10	Gripper, 0.5mm to 0.3mm (comes with multi-colored leads and slide bar)	10/pkg.
FP-2S-2	Gripper, 0.5mm to 0.3mm (comes with multi-colored leads)	2/pkg.
MAG6X	2-inch Magnifier	1 each



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