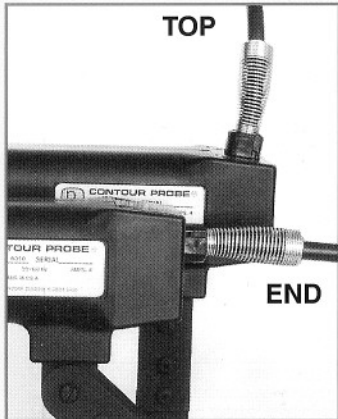


# PARKER

## MODEL B-310 MINI CONTOUR PROBE®



The reversible power cord strain relief allows for access to confined work areas.



## SMALLEST OF THE SMALL

The B-310 Mini Contour Probe® from PARKER RESEARCH provides greater flexibility and reduced size.

The B-310 Contour Probe is a lightweight (six pounds) Magnetic Inspection Yoke designed to perform Magnetic Particle inspections quickly and reliably, and with greater versatility. The reversible strain relief feature allows the power cord to enter from the rear or top of the unit permitting greater access to small work areas. The overall length of the unit is only 7.25".

As with all the Parker Contour Probes, the B-310 has fully adjustable legs permitting the AC magnetic field to be applied to the precise area of inspection.

The rugged body assembly is injection molded of the same material used in most heavy duty hand power tools. It is shaped to fit the hand comfortably to reduce operator fatigue.

The B-310 is a completely portable inspection instrument that performs countless on-the-spot inspections quickly and reliably, at minimum cost.

UNITS ARE AVAILABLE IN 115, 230 AND 42-48 VAC. ALL UNITS MAY BE  CERTIFIED.

When required, the B-310 may be operated from the optional DC-300 pulsed DC power supply to provide intense DC magnetic fields.

The B-310 Kit includes carrying case, one pound each of red and grey powder, a PB-1 Powder Blower and operating instructions.

Parker Research Contour Probe Kits, accessories and supplies are available from factory stock or local distributors throughout the U.S. and major foreign countries.



Ask for a demonstration and find out how one of the Parker Contour Probes can save time and money in your operation.

1-800-525-3935

**PARKER RESEARCH CORP.**

P.O. Box 1406, Dunedin, Florida 34697 USA

Phone: (727) 796-4066 • FAX (727) 797-3941 • E-MAIL: sales@parkreshcorp.com

# THE PARKER B-310 MINI CONTOUR PROBE®

*Completely portable one-man package for fast, positive, reliable location of defects in ferrous metals*

**EXCLUSIVELY** from Parker Research... the Mini Contour Probe. A rugged high performance instrument for Magnetic Inspection to accepted standards of common practice... will quickly locate surface cracks in ferrous materials that can be brought between the pole pieces. Find cracks from metal fatigue... wear... stress... over-loading... welds... heat-treating, etc.

## FAST POSITIVE WITH NO ARC BURNS

Selective high energy AC or pulsed DC Fields (with optional DC 300 Power Supply) induced into the work, provides fast positive indications, eliminating the high-amperage arc-burning of work surfaces. Arc burns often become failure defects.

**ONE-MAN PACKAGE** The B-310 Contour Probe is a complete Magnetic package that one man takes to the work and easily performs a thorough and reliable inspection in a fraction of the time consumed by large bulky equipment.

**PRECISE AREA INSPECTION** Powerful magnetic fields are concentrated and applied to the precise area to be inspected.

**WIDE VERSATILITY** Mechanically, the B-310 Probe will conform to practically any surface configuration.

**THE INSTRUMENT THAT DOES SO MUCH, SO WELL** If you do any work with ferrous metals... in the shipyard... aerospace... steel mill... foundry... weldment or vehicle overhaul, you need the performance advantage of the B-310 Contour Probe.



**Contour Probe Kits** – are available with Dry Powder and Wet Fluorescent inspection mediums, including Black Light, all in one easy to carry package. A truly portable one-man inspection package.

## SPECIFICATIONS

	B310	B310S	B142
PHYSICAL	7 <sup>3</sup> / <sub>4</sub> H x 7 <sup>1</sup> / <sub>4</sub> W x 2 <sup>1</sup> / <sub>8</sub> D		
LINE VOLTAGE	115 VAC	230 VAC	42-48 VAC
SINGLE PHASE	50/60 Hz	50/60 Hz	50/60 Hz
LINE CURRENT	4 A	3 A	7 <sup>1</sup> / <sub>2</sub> A
DUTY CYCLE	2 MINUTES ON – 2 MINUTES OFF		
WEIGHT	6 LBS		
CONSTRUCTION	POLYURETHANE FILLED GLASS/NYLON HOUSING. 8 FOOT/3 WIRE POWER CORD		
SPAN	0-9 IN. ACROSS POLES		

DC 300 POWER SUPPLY AVAILABLE FOR PULSED DC OPERATION

## CONTOUR PROBE KITS

**B-310-A INSTRUMENT WITH**  
 1 lb. ea. Red & Gray Powder  
 PB1 Applicator & Carrying Case 15lbs.  
**B-310-AB same as above**  
 Plus EA140-Hand Held UV Light  
 and 778A-9.5 oz. aerosol can  
 Fluorescent Particles 18lbs.

## OPTIONAL ACCESSORIES

MG25 Magnetometer (certified)  
 RB1 Powder Removal Bulb  
 MG50 Magnetic Pie Gauge  
 DC300 Pulsed DC Power Supply



WEB SITE: <http://www.parkershcorp.com>

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