

THE PARKER B-300 CONTOUR PROBE®

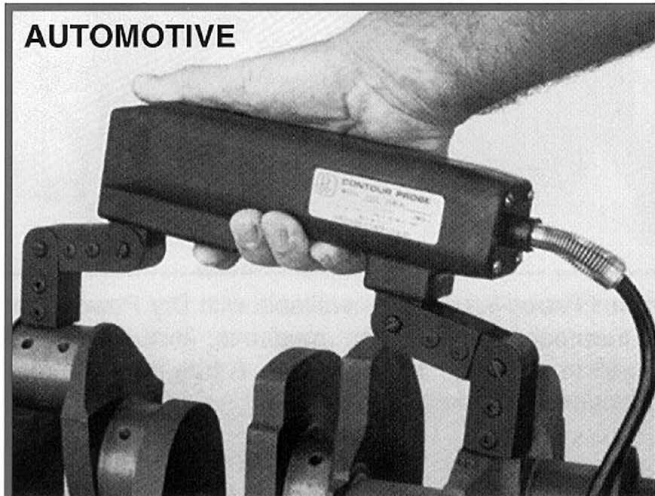


PRODUCTION

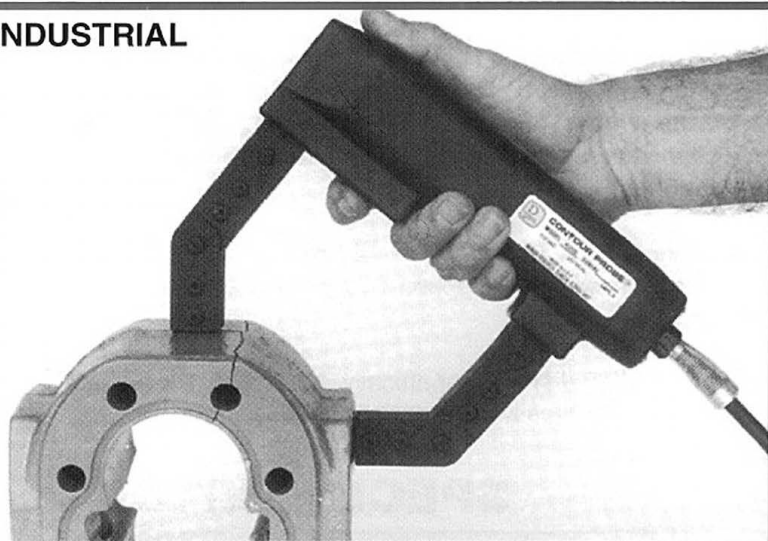


FIELD MAINTENANCE

AUTOMOTIVE



INDUSTRIAL



Big Performance in a Small Package

THE B-300 CONTOUR PROBE® FROM PARKER RESEARCH... THE ORIGINATORS OF THE FLEXIBLE LEG ELECTROMAGNETIC YOKE QUICKLY LOCATES SURFACE CRACKS... USING DRY POWDER, WET VISIBLE OR FLUORESCENT MATERIALS...

The B-300 Contour Probe is a lightweight (7 1/2 pounds), Magnetic Inspection Yoke designed to perform Magnetic Particle inspections quickly and reliably.

As with the other popular Parker Probes the B-300 has fully adjustable legs which allow the strong AC field to be applied directly to the precise area to be inspected, regardless of part size or mass.

The rugged body/handle 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.

UNITS ARE AVAILABLE IN 115, 230, 42-48 VAC AND 4-12 VDC. ALL UNITS ARE  COMPLIANT.

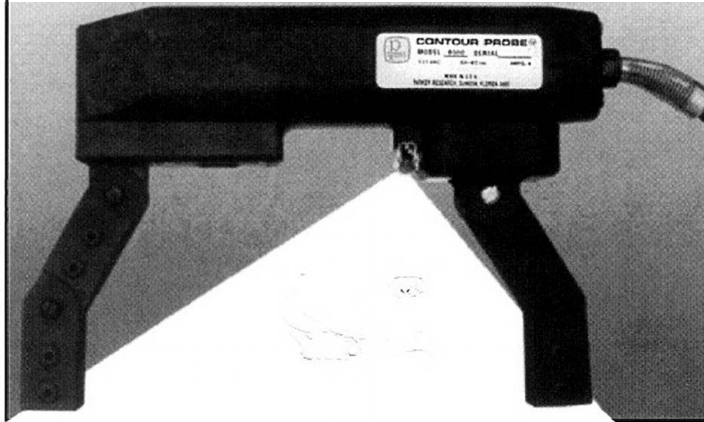
When required, the B-300 may be operated from the optional DC-300 pulsed DC power supply to provide intense DC magnetic fields.

All B-300 Kits include carrying case, one pound each of red and gray inspection powder, a PB-1 Powder Blower and Y 300 Yoke Light.

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

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

B-300 SHOWN WITH Y300 HIGH INTENSITY YOKE LIGHT



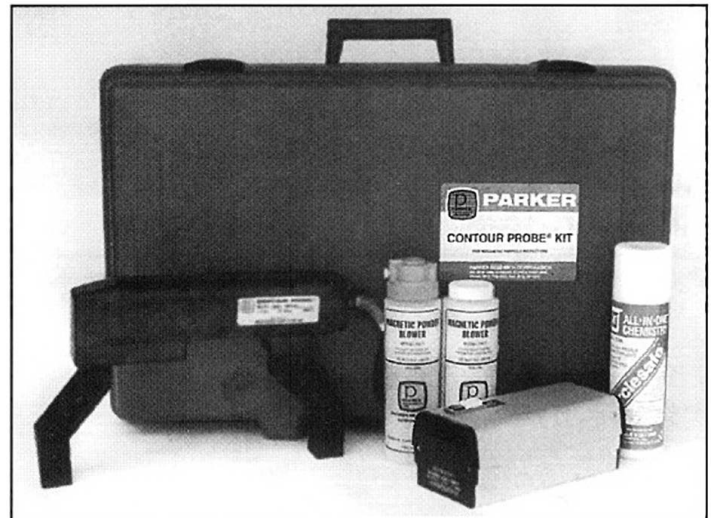
ONE-MAN PACKAGE The B-300 Contour Probe is a complete Magnetic package that one man takes to the work and easily performs a thorough and reliable inspection in a fraction of the time consumed by large bulky equipment.

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

WIDE VERSATILITY Mechanically, the B-300 Probe will conform to practically any surface configuration. Strong,

constant AC fields or high intensity pulsed DC fields, using the DC-300 power supply.

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-300 Contour Probe.



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

SPECIFICATIONS

	B300	B300S	B48	B12D
PHYSICAL	7 ³ / ₈ H x 9 ¹ / ₄ W x 2 ¹ / ₈ D			
LINE VOLTAGE	115 VAC	230 VAC	42-48 VAC	4-12 VDC
SINGLE PHASE	50/60 HZ	50/60 HZ	50/60 HZ	—
LINE CURRENT	4 A	3 A	6.5 A	2.5 A
DUTY CYCLE	2 MINUTES ON – 2 MINUTES OFF			
WEIGHT	7 ¹ / ₂ LBS			
CONSTRUCTION	POLYURETHANE FILLED GLASS/NYLON HOUSING. 8 FOOT/3 WIRE POWER CORD			
SPAN	0-12 IN. ACROSS POLES			

CONTOUR PROBE KITS

B-300-A INSTRUMENT WITH

1 lb. ea. Red & Gray Powder
PB1 Applicator & Carrying Case 16 lbs..

B-300-AB same as above
Plus EA140-Hand Held UV Light and 778A-9.5 oz. aerosol can
Fluorescent Particles 19 lbs.

OPTIONAL ACCESSORIES

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

DC 300 POWER SUPPLY AVAILABLE FOR PULSED DC OPERATION ON THE B300 AND B300S MODELS.