



HOUSTON • MIDLAND • DENVER

The BK-1 STS IR-Free Coupon Test Station is a convenient above ground CP test station ideal for quick access by field personnel when monitoring electrical currents and cathodic potentials on buried pipelines or other metallic structures.

IR-Free Coupons can be used to determine the true polarized potential of a buried metallic structure without having to interrupt all sources of current flowing in the soil that have an influence on the structure to soil potential.

office  
(713) 225-6661

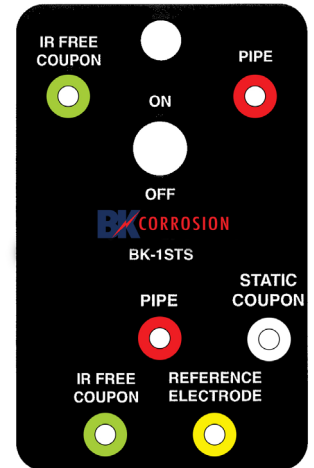
fax  
(713) 236-8022

[www.BKCORROSION.com](http://www.BKCORROSION.com)

4411 Navigation Boulevard  
Houston, TX 77011

## STANDARD SPECIFICATIONS

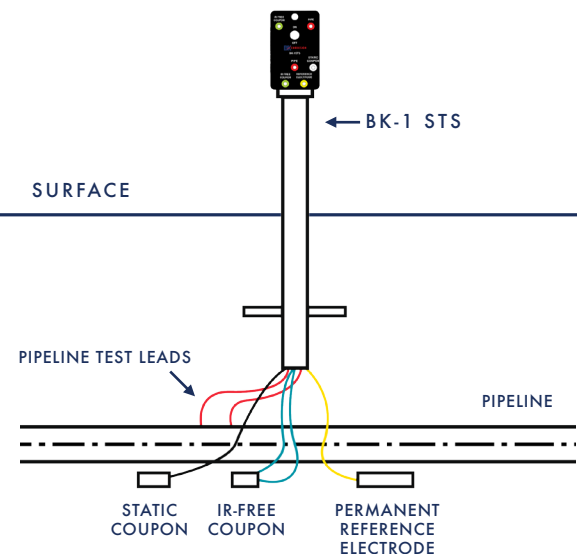
- Dimensions: Diameter: 3"; Length: 6' 6"
- Shipping Weight: 10 Lbs
- Dead Front Test Station Head
- Reference Cell Type: Copper/Copper Sulphate w/ 20 ft. #14 AWG RHH/RHW
- Switch Types Available: Momentary Toggle, On / Off Toggle, or Flexible Cable Coupon Jumper with 90° banana plug
- Structure Primary & Secondary Lead: 20 ft. #12 AWG THHN
- Carbon Steel IR Free Coupon Size: 10 cm<sup>2</sup> – Twin 25 ft. #12 AWG THHN
- Carbon Steel Static Coupon Size: 16.47 cm<sup>2</sup> - 20 ft. #12 AWG THHN
- Head secured with set screw



## MATERIAL IS CUSTOMIZABLE TO FIT YOUR SPECIFIC NEEDS

### BENEFITS

- Native state (Depolarized potential)
- Instant on/off reading away from rectifiers
- Structures that have direct bonded magnesium anodes
- Additional testing point of known lower potential areas



MANUFACTURERS



AC MITIGATION

Dairyland  
Ground Control Mat  
Mitigator  
Conducrete

ANODES

Aluminum  
Graphite  
Magnesium High-Po  
Magnesium H-1  
Mixed Metal Oxide  
Silicon Cast Iron  
Zinc

BACKFILL

Bentonite  
CarboCoke  
Hole Plug  
Loresco

CABLE

HMW-PE  
HALAR / KYNAR  
THHN / THWN-2  
TW / THW  
RHH / RHW-2 / USE2  
XLP / XLPE

COATING

3M  
Denso  
Polyguard  
Royston  
Stopaq  
Tapecoat  
Trenton

CONNECTIONS

Cadweld  
Magnets  
Pin Brazing  
Thermoweld

ISOLATION

APS  
Central Plastics  
Georg Fischer  
Link Seals  
PSI / Pikotek

MISC

Test Point Stickers  
Dairyland  
Kirk Cell  
Probe Bars

PIGGING

Foam  
Steel Mandrel  
Urethane

RECTIFIERS

JA Electronics  
IRT  
Universal

TEST STATION + UTILITY MARKERS

BASS Triton  
Bingham & Taylor  
CP Test  
Crouse-Hinds  
Gerome Testox  
Handley  
BK IR Free / Coupon  
Maloney  
Oldcastle  
Christy / Brooks  
Pro-Mark  
Rhino

TESTING EQUIPMENT

Agra  
Borin  
Cygnus  
Dakota  
Defelsko  
Digital Pit Gauges  
EDI  
Fischer  
Fluke  
Gas Electronics  
GMC  
M.C. Miller  
McLaughlin  
Metrotech  
MSES  
Rycom  
Tinker & Rasor