

#UK-1 STANDARD ULTRASONIC TESTING KIT

THE ULTRASONIC KIT CONTAINS:

8 Plates, 1 Pipe & 1 Tee / Carbon Steel

Each specimen contains 2 "REAL FLAWS," randomly placed.

Kit Specifications: 10 Specimens

(4) Plates: 0.375" T x 4" x 8"

(4) Plates: 0.625" T x 4" x 8"

(1) Tee: 0.375" T x 4" x 8" x 4"

(1) Pipe: 4" Sch80 (0.337" T wall)

Specimens are packaged in 2 FREE CARRYING CASES (6" x 16" x 20" each). Complete with Document Package with "Flaw Truth" documented by CAD drawings with a Standard Tolerance of (+ / -) 0.150" (4mm), Certificate of Conformance & Test Sheets.



Flaws Included:

- 10 - Toe Crack SV
- 12 - Root Crack in SV
- 15 - Centerline Crack, SV (Sub-surface)
- 16 - Circumferential Crack SV (flush crown)
- 17 - Transverse Crack in SV (flush crown)
- 18 - Base Metal Crack SV (top HAZ area)
- 30 - Porosity DV (sub-surface)
- 31 - Porosity Fillet (sub-surface)
- 34 - Single Gas Pore SV
- 37 - Slag Inclusion SV (weld groove area)
- 38 - Slag Inclusion Fillet (root area)
- 50 - Lamination SV (base metal)
- 52 - Lack of Fusion SV (crown area)
- 55 - Lack of Fusion SV (surface breaking at root)
- 56 - Incomplete Root Penetration SV
- 57 - Incomplete Root Penetration DV
- 59 - Incomplete Groove Weld (crown area)

See Pages 3-5 for Cross Section Views

Shipping Weight 65 lbs

