

## DO-160 Section 15 Set

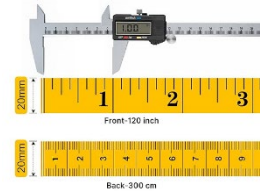
Absolute EMC offers a complete set for meeting RTCA DO-160 Section 15 for Magnetic Effect. This test uses a high-precision magnetic compass to see how close the Equipment Under Test (EUT) is before the compass is deflected by 1 degree. The kit includes a high-precision Survey Compass with 1 degree or better accuracy and a magnetometer to measure the test area's baseline magnetic levels. A non-metallic cloth tape measures both Inches and Meters. A 5cm high dielectric support block holds the Compass secure while it is moved closer to the EUT. Everything is housed in a transit case.



### Adjustable Brass Survey Compass

The Survey Item compass is accurate, with a resolution of about 1/2 a degree.

Tape Measure 120 Inch/300cm Dual Scale Measuring Tape  
No magnetic parts, Made of high-quality fiberglass, flexible, durable and thick material



### Magnetometer: HS 3D-SENS50T1 - Hall-Sensor

- Nominal frequency range: DC
- measurement: Independent 3-axis and combined
- Nominal measuring range:  $\pm 50\text{mT}$
- Resolution:  $\pm 1\mu\text{T}$  (nominal)
- Dimensions: 480 x 25 x 22 mm,
- **HS 3D-Control:** Battery Operated for 16 hours, USB charger, touch screen
  - Units:  $\mu\text{T}$  or A/m
- **Opt. 5136 ZG,** Zero-Gauss-chamber to shield from external magnetic fields to calibrate hall probe HS 3D-SENS50T1.



### Rugged Transit Case

- IP65 Rated- watertight and dustproof
- Foam Insert
- Strong, secure, easy-open latches
- Adjustable pressure relief valve equalizes pressure for easy opening
- Pre-drilled for two padlocks (locks not included)
- Super strong reinforced polypropylene construction
- Interior dimensions: 20-1/4 in. x 11-3/8 in. x 5-11/16 in.

EPS Foam Low-Dielectric Support for Compass. 1 sheet, 5cm thick.

