

SCAN-T

Thickness Meter for Asphalt and Concrete



The SCAN-T is an essential tool for those involved in the construction of roads and pavements.

SCAN-T provides operators and those involved in quality control a fast, non-destructive and accurate method of measuring thickness.

The SCAN-T saves money and time compared with existing methods.



KEY BENEFITS

- Provides significant cost savings as no coring is required.
- Saves material costs, as thickness can be measured more accurately.
- Reduces thickness measuring time by 75%.
- Enables contractors to demonstrate compliance and secure final payments.
- Enables inspectors to quickly verify compliance.
- More accurate and reliable than other methods.

KEY FEATURES

- No calibration is required.
- Accurate to 1mm +/-0.5% of depth.
- Measurement range 0-450mm.
- Logging capability saves time on site & enables results to be downloaded later.
- Light and easy to operate one-handed.
- Robust construction.

How SCAN-T works

Thickness is measured by analyzing the response signal that a reflector sends from aluminum foil, aluminum plate or galvanized steel plate under the influence of a pulsed magnetic field. The reflectors are kept as usual on the underside of the layer to be measured.

No calibrations are required. Only the reflector type and target depth are entered. The device automatically determines the measuring range and recognizes if an incorrect reflector type or target depth was entered.

How SCAN-T is used

1. Reflectors are placed between the layers at regular intervals.
2. Data is entered into the meter to describe the measurement area.
3. The **Search Mode** is used with a broad sweeping motion to quickly determine the approximate reflector position. A visual and acoustic indicator enables the reflectors to be located.
4. The **Measuring Mode** provides the thickness measurement. This is a fast process, as the operator does not have to locate the centre of the reflector.

To arrange a demonstration, please contact us on 0208 238 6900, or
e-mail: sales@cnsfarnell.com.

SPECIFICATION

Dimensions of the reflectors:

- Circular disks 300 mm for a depth to 450 mm.
- Circular disks 70 mm for a depth range 0 to 200 mm.

It is possible to use reflectors with other dimensions.

Power supply

- 12 V DC: Rechargeable batteries
- Charge time: 1.5 hours
- Operating time: 8 to 10 hours

Environmental

- Operating temperature: -5°C to 50°C
- Storage temperature: -10°C to 50°C
- Dimensions: 42cm x 139cm x 19cm
- Weight (with battery): 3.2 kg

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