

Dakota CX2 | Material Thickness Gauge | Range - Pulse Echo 0.63 - 500mm (0.025 - 19.999â€³)



For a variety of applications, the Dakota CX Ultrasonic Material Thickness Gauges offer all the capabilities and functionality required to measure material thickness and velocity on almost any material. Upper and lower limits can be specified by users, and pass/fail warnings are audible and visible. Limits can be established for every batch or for each individual reading. The 1-Point calibration method is one of the several calibration options available for the Dakota CX thickness gauges. Additionally, users can save up to three calibrations into the memory or choose from one of 39 pre-set materials that are kept inside the gauge. The Dakota corrosion gauge range is versatile and simple to use; it can measure coated as well as uncoated surfaces.

Specifications	Details
Range	Pulse Echo (PE) : 0.63 - 500mm (0.025 - 19.999â€³)
Accuracy	Pulse Echo (PE) $\hat{A}\pm 0.1\text{mm}$ (0.63-19.99mm) $\hat{A}\pm 0.5\%$ (20.00-500.00mm) Echo Echo ThruPaintâ€³ (EE) $\hat{A}\pm 0.1\text{mm}$ (2.54-25.4mm)
Operating Temperature	-10 to 50Â°C (14 to 122Â°F)
Power Supply	2 x AA batteries
Battery Life	Alkaline: 15 hours Lithium: 28 hours
Weight	210g (7.4oz) - including batteries, without transducer
Dimensions	145 x 73 x 37mm (5.7 x 2.84 x 1.46â€³), without transducer