

# Ultrasonic Data Logging Thickness Gauge



The Cygnus 3 Data Logger multiple echo thickness gauge is developed to accommodate the need for a simple yet versatile method of logging thickness measurements through coatings. The device is engineered with a flexible data logging facility.

The gauge offers three data logging modes: simple linear data logging with a capacity of up to 5000 points each record; grid-based data logging using simple XY grids for up to 5000 points; template-based data logging featuring definable measurement points, minimum and reference thickness values and up to 40 configurable user fields to collect additional information.

The equipment also benefits from a facility to add additional radial measurements around any chosen point; alphanumeric data entry via phone-style keys; data stored on internal SD memory card for data security; a bright multi-colour LED giving visual feedback when logging data; USB connection to computer without driver installation. While in one-hand operation, the auto-log function enables stable measurements to be recorded automatically without the need to press any keys.

The housing is a rugged, IP65 rated aluminium enclosure. The kit includes a Microsoft Excel Add-In for easy data import into blank worksheets or Excel templates. In addition, Data Logger Manager Software is supplied for generating reports and transferring data between the gauge and computer.

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<https://www.hydro-international.com/content/news/ultrasonic-data-logging-thickness-gauge>

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