

ADTpro-100 Advanced Diagnostic Tool



The ADTpro-100 Advanced Diagnostic Tool features a colour touch screen, displaying detailed encoder information without the need to connect to an external computer. No other additional set-up equipment is required. ADTpro-100 is compatible with Renishaw incremental optical encoders.

The ADTpro-100:

- Provides comprehensive real-time feedback from Renishaw incremental optical encoders aiding installation and diagnostics, as well as allowing system optimisation.
- Can be used in-line between an incremental encoder readhead and the motion controller to give continuous encoder data feedback in real time.
- Is compatible with ADT View software to enable future firmware enhancements and allow the use of a larger display.
- Is suitable for use in secure working areas as it does not have a camera or wireless capability.

Features

The ADTpro-100 can be powered either by a 12V mains power supply, or an AA battery pack when no mains power is available. It provides comprehensive real time encoder data feedback to aid more challenging installations and diagnostics. The intuitive touch screen display can be used for:

- Displaying signal size, reference mark phasing and limits
- Remote calibration
- Enabling and disabling Automatic Gain Control (AGC)
- Restoring factory defaults
- Displaying alarms and warnings

A universal camera mount allows the ADTpro-100 to be securely mounted on a range of adaptors to meet your application needs.

Compatible readheads and interfaces

The ADTpro-100 can be directly connected to the following wide range of incremental readheads and interfaces:

- QUANTiC™
- VIONiC™
- ATOM DX™
- ATOM™ with 15-way D-type
- ATOM™ with Ri analogue interface
- ATOM™ with Ti interfaces
- TONiC™ with Ti interfaces
- Any encoder outputting generic 1 Vpp signals

www.renishaw.com/contact



#renishaw

+44 (0) 1453 524524

 uk@renishaw.com

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