

Digi-C 2000 - Advanced Digital Dynamometer Controller

The Digi-C 2000 controller is designed to perform speed control of the DPY / DPX range of sluice gate dynamometers. The system uses fully digital closed loop speed control with on screen real time PID tuning and multiple save options.



Features

- AC Vector Drive provides smooth gate control and near instant braking.
- Choose between manual or full auto sluice gate control modes.
- All controls are via a 4" touch screen and encoder wheel fitted to the front panel.
- Repeated outputs of actual and setpoint demand for dynamometer speed.
- Calibration free digital frequency speed feedback.
- Configurable over-speed alarm and shutdown.
- Uses either an existing AC geared motor fitted to the dynamometer or a new supply unit.
- Safety limit switches and analogue position feedback of sluice gate.





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