

Engine Diagnostic Centres

General Purpose Engine Control Panels

Murphy Diagnostic Centres provide operator controlled starting and stopping of 'mechanical' non-ECU engines, with automatic shutdown protection in the event of a fault. Several standard control panels are available, offering various levels of engine instrumentation and fault protection.

Operator control is via a four position keyswitch (OFF-RUN-HEAT-START). The key is removable in the OFF position.

All panels include a Murphy magnetic switch with front fascia dust boot. This latching switch removes power from an 'energised to run' fuel device (not supplied), shutting down the engine on detection of oil pressure or temperature faults. Additional safety switches can be easily added to the shutdown circuit. A DC supply fuse and charge alternator warning lamp are also fitted as standard.

All panels use Murphy Swichgage® indication of oil pressure (0 – 100 psi) and water temperature (50 - 120°C), and allow customer settable shutdown trip levels. The oil pressure Swichgage® is supplied with a 2 metre oil line, 1/8" NPT fitting; the temperature Swichgage® includes a 2 metre capillary with 1/2" NPT fitting. The panels also include an analogue scale tachometer with digital hours run counter.

All Diagnostic Centres are housed in a black painted, robust sheet steel enclosure, with shockmounts provided as standard. Circuit diagrams are supplied with each panel.



Feature Reference

Stock number	Panel series	Supply volts (VDC)	Hinged front panel	Keyswitch (Off-Run-Heat-Start)	DC fuse	518-APH magnetic shutdown switch	Charge lamp	20P oil pressure Swichgage® & line	20T water temperature Swichgage®	Tachourmeter	Spare 2" gauge position
B5922	38-200	12	●	●	●	●	●	●	●	●	●
B6178	38-200	24	●	●	●	●	●	●	●	●	●

How to Order

For standard models, please quote the stock number shown in the feature chart above. Custom variations, automatic control panels and fuel shutoff devices are also available. Please contact our Sales department to discuss your requirements.

Accessories:

Stock code 1H6082 – 10 way, 4 metre wiring harness.

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