

WELD PURGE MONITOR®

PurgEye® 600 Touch

with PurgeNet™



The PurgEye® 600 Computerised Colour Screen Weld Purge Monitor® measuring from atmospheric oxygen levels down to 1 ppm. The 'All in One' instrument!

With the ever more stringent quality control standards being applied to the welding of titanium, nickel alloys, stainless and duplex steels in aerospace, offshore, pharmaceutical, food, beverage, semi conductor industries etc, it has been necessary to develop an attractively priced **Weld Purge Monitor®** that will read from atmospheric oxygen levels down to 1 part per million (highly accurate to 10 ppm).

The PurgEye® 600 Weld Purge Monitor® has broken all technological boundaries as an 'all in one' unique monitor.

PurgeLog™ data logging capability is included, that allows the operator to download data onto a memory stick, obviating the need for a computer connection.

Not only have we been able to achieve these terrific World beating features, we have also integrated an electromechanical sampling pump.

The colour touch screen with graphics model allows the user to pre-set upper and lower ppm levels of their choice to trigger alarms.

FEATURES

- The long life sensor reads from 20.94% down to 1 ppm (accurate to 10 ppm).
- Readings indicated as a percentage or in ppm.
- Now including **PurgeNet™** allowing control of automatic welding equipment with other accessories including visual on/off light for remote viewing, a dew point meter and audible alarm.
- State of the art circuitry providing stable, accurate readings.
- USB transfer of data and weld certification quality control documentation with unique **PurgeLog™** software.
- Real time clock to date stamp quality control records.
- Internal sampling pump with gas filtration.
- Quick fit / disconnect 'leak tight' purge tube fittings.
- Highly improved shielding against all sources of HF, RF and EMF radiation.
- Tested and approved in the most extreme circumstances.
- Stylish desktop model.
- Power from 110 / 220 AC single phase supply.
- Storage, carrying presentation case included.

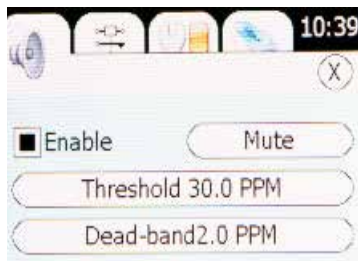
MAIN DISPLAY



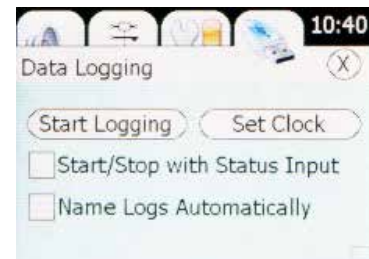
The main display can be in one of three modes (see above). The user can switch between these display modes by touching the display area of the screen.

When the user touches one of the top icons, a menu will appear. The required option needs simply to be selected. These icons and menu items are as follows.

Alarm menu



Data logging menu



Mute: Select mute to toggle the mute feature of the sounder.

Threshold: This is the level over which the alarm will be active.

Dead-band: Sets an area where the alarm will not change state, to prevent rapid alternating when the measured reading is close to the threshold.

Start Logging: Select 'Start' to begin a new log file.

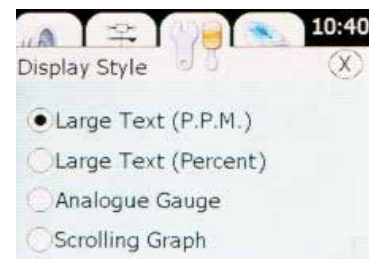
Stop logging: Select 'Stop' to end the current log file, this will ask for the serial number for the weld (only if 'auto naming' is not ticked). This is used as the 'file name'.

Set Clock: Select this option to select the current time and date (note, this icon will only appear if a compatible memory stick has been connected).

Relay menu



Display style



Threshold: This is the level over which relay one (R1) or relay two (R2) will be active.

Dead-band: Sets an area where the relevant relay will not change state, to prevent rapid switching when the measured reading is close to the threshold level.

This allows the user to select which of the main display styles to use, examples show at the top of page.



HUNTINGDON FUSION TECHNIQUES ■ HFT

Other HFT® Weld Purging Products

Argweld® Inflatable Tube Pipe & Pipeline Weld Purging Systems
 Argweld® PurgEye® Weld Purge Monitors®
 Argweld® Weld Purge Film® & Weld Purge Super Adhesive®
 Argweld® Weld Backing Tape™ & Weld Purge Tape™
 Argweld® Weld Trailing Shields®
 Argweld® Flexible Welding Enclosures®
 Argweld® Weld Purge Plugs™ & Orbital Welding Plugs
 Techweld® MultiStrike® Tungsten Electrodes

Our HFT Pipestoppers® Division

Nylon, Aluminium, Steel and Rubber Pipe Plugs and Inflatable Stoppers