EZTEK ™

TallyBook Zone 1 data logger

The TallyBook Zone 1 is an industrial grade computer combined with a data acquisition electronic interface and barriers, housed in a single sealed IP66 flameproof enclosure. The 7" high brightness display allows for real-time viewing of graphical and digital data and all recorded information can be downloaded on to a Zone 1 USB stick.

Benefits:

This Zone 1 unit is permanently mounted to record in the background during operations. It increases efficiency by ensuring that detailed information on well activity is captured.

The unit also saves time as the data can be downloaded onto the Zone 1 USB stick in the hazardous area.

Typical Applications:

- Cementing operations
- BOP testing
- Well kill
- Chemical injection
- Nitrogen pumping
- Scale squeeze
- Well pressure monitoring

Features:

- Suitable for use in ATEX Zone 1
- Skid mountable
- Download data to Zone 1 USB stick
- Local display
- Interfaces with intrinsically safe devices
- Access protected
- Software configured to suit client

Basic operation:

- Apply AC power to unit - Switch on
- Check configuration
- Modify settings via the momentary switches on the unit. *The USB stick can also be used to upload new configurations onto the logger*
- Start recording
- Stop recording and download to memory stick.
- Remove power.

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Increase safety.
Reduce costs.

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Specifications	Standard	Options
Basic computer	520 MHz 64MB RAM Memory for one year of data recording (when at 1 sample per second) Internal safety barriers Software based on Windows CE 5.0 platform PDF report created automatically for download, with sequential number for identification	WITS Level 0 Data streaming output
Enclosure	Dual certified IECeX and ATEX Zone 1 Exd flameproof 358 x 278 x 218mm Weight approximately 30kg 0° to +50°C operating temperature	Skid-mountable
Display screen	7" high brightness LED 800 x 480 resolution Real-time graph and digital display	N/A
Power supply	85-264VAC autosense supply voltage	VDC
Controls	Four momentary switches allow simple software controls: download, upload configurations and delete existing recordings	
Ports	M20 cable gland entries	Plug and play connectors 8GB Zone 2 memory stick provided, with adapter cable to standard USB
Electronic interface	Inputs/outputs determined by client Inputs calibrated to national standards Sample rate of 1Hz	
Software for PC	**TallyView** – open data recorded on TallyBook to add test details, time, comments, amend graph review, adjust scale and print test reports with client logo. Latest software includes: • Optional curve filter • Add comments to bottom of report • Add comments to graphical curves • Create, save, open individual curve parameter templates which include curve names, max and min values and enable/disable curve display options	
Example Inputs/Outputs *Contact us to discuss your requirements* *sales@eztek.co.uk*	**Input Examples:** • 'Namur' input (2 off speed & depth RPM) (proximity input 5KHz max) • '4-20mA' input (pressure , temperature, density, fuel, battery, torque, load, tension) • magnetic pickup inputs for flow meters, proximity inputs (e.g. for engine speed) **Output Examples:** • Audible and visual alarms, shut down valves	

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