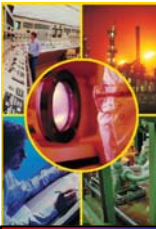




DOD Technologies, Inc.

Innovative Life Safety Systems & Services

2006 Catalog



GAS DETECTION



Keeping Records

The highly accurate NextStep is designed with an internal clock that allows industrial hygienists or management to view the concentration levels of each sample session. Exposure levels can be downloaded via cable to any Windows-based PC. No proprietary software or hardware is required. With this information, a plant's environment can be re-engineered to reduce the levels of personnel exposure.

NextStep Simply Does It All

The NextStep is a versatile instrument that can be configured to detect a variety of gases, eliminating the need to purchase different instruments to sample different gases. Changing the instrument from detecting one gas to another requires a simple change in cassettes. Once the proper cassette is inserted, the instrument will prompt the user to adjust the proper flow rate on an easy-to-read, backlit display panel.

Simplifying the NextStep's operation even further is the automatic light level control, which allows the user to easily change from detecting one gas to another just by changing cassettes and selecting the gas on the display. No gas-specific calibration card is required because the NextStep's light level adjusts the instrument automatically according to user inputs. In addition, the instrument's pump flow can be set directly on the multifunctional display, eliminating the need for an adjustment potentiometer.

Built-In Safety and Convenience

Various alarms have been engineered into the NextStep to provide a comprehensive warning system for the user. Loud audible and bright visual alarms are triggered to alert the user to conditions that require attention or emergency action, including low battery, high exposure, and low flow rate. These alarms are built-in to ensure accuracy during every sampling session.



Factory preset default settings and user security codes prevent unauthorized personnel from changing the instrument's characteristics or functions. This safety feature also helps avoid field-sampling errors by requiring the user to reset the instrument for each session.

The cassette's clear body allows the user to easily determine the amount of tape remaining in the instrument before entering a potentially hazardous environment.

NextStep Power

A fully-charged lead calcium gel battery powers the NextStep for 12 continuous hours. Audible and visual low battery indicators warn the user when the battery needs to be recharged.

NextStep Assurance

NextStep provides powerful portable gas detection. Its automated and self-calibrating features make it one of the most reliable, fool proof, user-friendly gas detectors on the market. Industries producing isocyanates commonly used to produce the polyurethane polymers for both flexible and rigid foams, fibers, coatings and elastomers will find the NextStep a welcome addition to their overall safety program.

CLEAR RESULTS

The NextStep incorporates a high contrast, backlit display that illuminates when function keys are pressed, when a gas reading has been recorded, or when alarms have been triggered. The display can be easily read in low light conditions.

Additionally, a concentration sample bar visually indicates if gas is present and tells when the sampling process is completed.

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Fax Orders to 815-788-5300

Please call us at 815-788-5200, or visit us at www.dodtec.com

Innovative Life Safety Systems & Services



NextStep® GMD Ordering Information	
Part Number	Description
096-3084	NextStep Kit (everything except hydrazine)
096-3085	NextStep (hydrazine only)
096-3083	Charger
096-3094	Case Assembly
096-3082	flow test kit
087-0029	Instruction manual
073-0287	Light baffle probe (new inlet cap)
016-0802	Calibration Stick
016-0852	Label, Nextstep Instrument Accessory Kit
096-2955	Data Cable

NextStep® GMD Gas Sensor Ordering Information			
Gas	Range	P/N	Flow/Rate
Arsine (Sensitive to Phosphine and Diborane)	0-1000 PPB	096-2951-6	150 ml/min
CHDI	0-250 PPB	096-2951-1	200 ml/min
Chlorine	0-2 PPM	096-2951-5	100 ml/min
ClO ₂	0-2 PPM	096-2951-5	100 ml/min
HDI	0-500 PPM	096-2951-1	200 ml/min
HMDI	0-150 PPB	096-2951-1	200 ml/min
HCl High Resolution	0-100 PPB	096-2951-7	150 ml/min
HCl	0-2 PPM	096-2951-7	150 ml/min
IPDI	0-500 PPB	096-2951-1	200 ml/min
MDI	0-200 PPB	096-2951-1	200 ml/min
PPDI	0-500 PPB	096-2951-2	200 ml/min
Phosgene A	0-100 PPB	096-2951-4	100 ml/min
Phosgene A	0-5 PPM	096-2951-4	100 ml/min
Phosgene B	0-100 PPB	096-2951-8	100 ml/min
Phosgene B	0-5 PPM	096-2951-8	100 ml/min
TDI High Resolution	0-100 PPB	096-2951-2	200 ml/min
TDI	0-200 PPB	096-2951-1	200 ml/min
Velcorin	0-2 PPM	096-2951-10	200 ml/min
Hydrazine	0-1000 PPB	096-2951-3	200 ml/min
MMH	0-550 PPB	096-2951-3	200 ml/min

Note: Scott recommends that the GMD Systems MDI monitors should only be used as a rough indication of the PMDI airborne concentration. They should not be used when it is necessary to accurately quantify the airborne concentration of PMDI materials. This recommendation is not based on the ability of the monitors to detect PMDI materials, but is based on the monitors' abilities to correlate a specific amount of stain to an airborne concentration of the PMDI material.

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GAS DETECTION SAFER THROUGH SCIENCE



Personnel Monitoring

Badges are available for a low cost/low maintenance solution for monitoring personnel exposure.



Spot Testing/Hazard Characterization

The Surespot sampling system is an inexpensive solution for determining personnel exposure in manufacturing environments. The system draws a predetermined amount of sample air across a badge. Simply compare the sample color to a color comparator chart to determine dose rate in a area. This is a valuable tool for adjusting ventilation rates or the appropriate respiratory protection for a process.



Area Monitoring

The RIS is a fixed system ideal for monitoring isocyanates injected into molds, in the demold area or a tank farm. The RIS can be wired in to audible alarms and warning lights to alert personnel of hazardous conditions. Output signals can be configured to provide signals for PLCs in a control room.

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