

RKI
INSTRUMENTS

World Leader In Gas Detection & Sensor Technology



**Stand Alone
Calibration
Station**

SM 2003U

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Overview

- Features and Benefits
- Simple Set Up
- PC Software Overview
- Detailed Record Keeping



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Features & Benefits

- Single button calibration and / or bump test
 - Quick and easy performance verification
- Stand alone system
 - System functions without the need of a computer
- Charge Instrument
 - No need for additional hardware
- Alkaline Recognition
 - Smart charger recognizes alkaline powered instruments (GX-2003)

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Features & Benefits

- USB flash drive included
 - Download data any time or place
 - 64 MB flash drive stores up to 200,000 records
- Easy to use software
 - Simple to install
 - View, print, and export calibration & bump test records
 - Manage instrument records by serial #, user ID, or location ID

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Features & Benefits

- Three operating modes
 - Bump only
 - Calibration only
 - Bump with autocalibration (if bump fails)
- User adjustable bump test times and tolerances
 - Customize the system to meet your service requirements

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Simple Set Up

- Connect gas cylinder
- Plug in power cord
- Insert instrument
- Attach instrument adaptor or tubing



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Performance Verification

- Set mode switch to desired sample configuration position
- Initiate bump test or calibration using control buttons
- Progress and test result indicated by cal status LED




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Software Overview

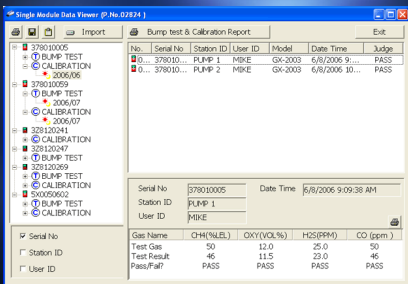
- Main Program Window
- Control Buttons
- Record-keeping
- Bump Test and Calibration Report



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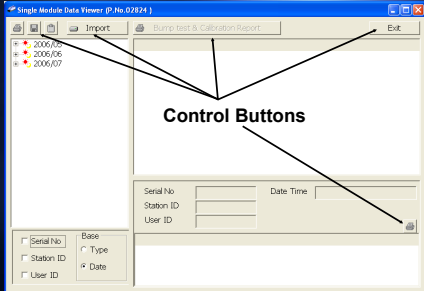
Main Program Window



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Main Program Window



Control Buttons

Print
Export
Clip
Import
Exit

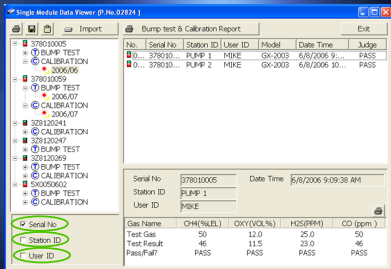
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Record Keeping

Detail Views By:

- Serial #
- Station ID
- User ID



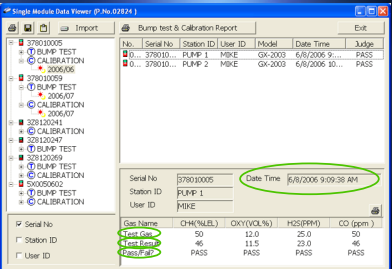
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Record Keeping

Details Include

- Date & time of test
- Test gas used
- Sensor response
- Pass / Fail



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Record Keeping

Base View Sorts
Records By

- Test type
- Date

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Bump Test and Cal Report

Single button reporting

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Bump Test and Cal Report

1111111111 RIKENKEI CALIBRATION 2006/07 10/4/2006 3:08:18 PM 1/1

Calibration Log	Station ID	User ID	Model	Date Time	Judge	CHC(NL)	OV(NL)	HS(NL)	CO (gm)
1111111111	RIKENKEI	GP102	GX-2001	7/4/2006 11:49:30 AM	PASS	50	12.0	25.0	50
1111111111	RIKENKEI	GP102	GX-2001	7/4/2006 11:24:57 AM	PASS	50	12.0	25.0	50
1111111111	RIKENKEI	GP102	GX-2001	7/4/2006 11:20:10 AM	PASS	50	12.0	25.0	50
1111111111	RIKENKEI	GP102	GX-2001	7/7/2006 10:47:14 AM	PASS	50	24	12.0 11.7 25.0 26.5	50 64

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