

Basic Features

- ◆ Digital LCD Readout
- ◆ Selectable Carrier gas (O2 or Air)
- ◆ Selectable Anesthetic Agent: Halothane, Isoflurane, Desflurane, Sevoflurane
- ◆ Gas can be selected with key operation
- ◆ Direct digital readout
- ◆ Built-in sampling pump
- ◆ Data logging stores up to 100 readings with time and date
- ◆ Few consumable parts saves maintenance cost

PORTABLE GAS INDICATOR

Riken FI-21



For testing anesthetic vaporizer output concentration, the Riken FI-21 does it all! This is the latest development in the line of Riken Gas Indicators based on the optical interferometer principle.

The New Riken FI-21 makes all calculations and adjustments for range, anesthetic, and conversion factors automatically.

In the anesthetic application, the function of the FI-21 Riken Gas Indicator is the same as the other models with the advantage of direct digital readout, selectable anesthetic gas, and carrier gas (air or O2), sampling pump and automatic set up for appropriate range and conversion factors. In summary, the FI-21 will take the place of any or all of the previous models of Riken Gas Indicators.

BC Group International, Inc.
3081 Elm Point Industrial Dr.
St. Charles, MO 63301 USA
Phone: 314-638-3800 Toll Free: 1-888-223-6763
Fax: 314-638-3200
Email: sales@bcgroupintl.com
Website: www.bcgroupintl.com



RIKEN FI-21

SPECIFICATIONS

Measuring gas	O2 Carrier Gas : Halothane, Isoflurane, Sevoflu rane & Desflurane Air Carrier Gas : Halothane, Isoflurane, Sevoflu rane & Desflurane			
Measuring ranges	The number in () is minimum digit [Unit:vol%]			
	Measuring Gas/ Base Gas	Halothane	Isoflurane	Sevoflurane Desflurane
	O2base	0~6 (0.01)	0~8 (0.01)	0~10 (0.01) 0~20 (0.02)
	Air base	0~6 (0.01)	0~8 (0.01)	0~10 (0.01) 0~20 (0.02)
Power source	C size alkaline battery (4 ea.), or AC adaptor (Option)			
AIR CAL, value	AIR CAL value=Indication when the instrument detects the fresh air. [Unit; vol%]			
	Measuring Gas/ Base Gas	Halothane	Isoflurane	Sevoflurane Desflurane
	O2 base	1.57	1.65	1.70 2.10
	Air base	0.00	0.00	0.00 0.00
Indication accuracy	Within $\pm 3\%$ of the reading value ± 1 digit (Air base)			
Operating temp. & humidity	5~35 degrees C, Below 80%RH			
Battery life	Approx. 20 hours in continuous (without sampling)			
Outputs	Data logger, Analog output 0 -1 V			
Data logging function	Concentration reading with Month/Day/Year a nd Time/Maximum recoding number: Up to 100			
Dimensions/weight	Approx. 200 (w) X80 (H) x145 (D) (mm) /Approx, 2kg			
Standard accessories	Sampling tube, Carrying case, Sampling "T" piece			
Optional accessories	AC adaptor			

*Specifications subject to change without notice .

