

Basic Features

- ◆ Accurate
- ◆ Easy to use
- ◆ No warm-up
- ◆ No drift in calibration
- ◆ Reliable
- ◆ No electrical power to connect
- ◆ No moving parts

Applications

- ◆ For field checking of vaporizers.

Specifications

Gas to be Measured:	Halothane 0 to 6% in O ₂
Measurement Accuracy:	Less than + 3% of reading
Ambient Temp:	0 to 40°C
Gas Sample Method:	Hand aspirator bulb
Power Source:	1 "D" size dry cell
Dimensions & Weight:	3.54"W x 7.48"H x 2.36"D & 3.53 lb

Standard Accessories

- ◆ Rubber aspirator
- ◆ Dry cell
- ◆ Teflon tubing
- ◆ Lamp adjusting tool
- ◆ Spare lamps
- ◆ Sampling adaptor "T"

Furnished in a serviceable leather case with adjustable carrying strap.

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PORTABLE ANESTHETIC GAS INDICATOR

Riken FI-1806H



The Riken 1806H is a compact, hand-held, portable, optical interferometer. It has no electronics, no electrical power connection, and is not subject to calibration drift or error. It requires no warm-up, and has instant response time for reading a gas sample. It is possible to check all of the calibration points of any vaporizer for any anesthetic i.e. Halothane, Penthrane, Ethrane, Forane, etc., with this one single instrument, without removing the vaporizer from the anesthesia machine, in about five minutes.

Operating principle of the Riken 1806H is the comparison of refractive index of gases, which is the standard method now employed by all of the vaporizer manufacturers for calibration work. If you are without a practical way of checking or monitoring your vaporizers, there isn't another instrument available more suited to this purpose than the Riken 1806H.

