§ 868.2340 Compensated thorpe tube flowmeter.
(a) Identification. A compensated thorpe tube flowmeter is a device intended for medical purposes that is used to control and measure gas flow rate accurately. The device includes a vertically mounted tube, with the outlet of the flowmeter calibrated to a reference pressure.
(b) Classification. Class I (general controls). The device is exempt from the premarket notification procedures in subpart E of part 807 of this chapter subject to the limitations in § 868.9.

§ 868.2350 Gas calibration flowmeter.
(a) Identification. A gas calibration flowmeter is a device intended for medical purposes that is used to calibrate flowmeters and accurately measure gas flow.
(b) Classification. Class I (general controls). The device is exempt from the premarket notification procedures in subpart E of part 807 of this chapter subject to the limitations in § 868.9.

§ 868.2375 Breathing frequency monitor.
(a) Identification. A breathing (ventilatory) frequency monitor is a device intended to measure or monitor a patient’s respiratory rate. The device may provide an audible or visible alarm when the respiratory rate, averaged over time, is outside operator settable alarm limits. This device does not include the apnea monitor classified in § 868.2377.
(b) Classification. Class II (performance standards).

§ 868.2380 Nitric oxide analyzer.
(a) Identification. The nitric oxide analyzer is a device intended to measure the concentration of nitric oxide in respiratory gas mixtures during administration of nitric oxide.
(b) Classification. Class II. The special control for this device is FDA’s “Guidance Document for Premarket Notification Submissions for Nitric Oxide Administration Apparatus, Nitric Oxide Analyzer, and Nitrogen Dioxide Analyzer.”

§ 868.2385 Nitrogen dioxide analyzer.
(a) Identification. The nitrogen dioxide analyzer is a device intended to measure the concentration of nitrogen dioxide in respiratory gas mixtures during administration of nitric oxide.
(b) Classification. Class II. The special control for this device is FDA’s “Guidance Document for Premarket Notification Submissions for Nitric Oxide Administration Apparatus, Nitric Oxide Analyzer, and Nitrogen Dioxide Analyzer.”

§ 868.2450 Lung water monitor.
(a) Identification. A lung water monitor is a device used to monitor the trend of fluid volume changes in a patient’s lung by measuring changes in thoracic electrical impedance (resistance to alternating current) by means


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[67 FR 46852, July 17, 2002]

[65 FR 14465, Mar. 3, 2000]

[65 FR 11465, Mar. 3, 2000]
§ 868.2480 Cutaneous carbon dioxide (PcCO\textsubscript{2}) monitor.

(a) Identification. A cutaneous carbon dioxide (PcCO\textsubscript{2}) monitor is a noninvasive heated sensor and a pH-sensitive glass electrode placed on a patient’s skin, which is intended to monitor relative changes in a hemodynamically stable patient’s cutaneous carbon dioxide tension as an adjunct to arterial carbon dioxide tension measurement.

(b) Classification. Class II (special controls). The special control for this device is FDA’s “Class II Special Controls Guidance Document: Cutaneous Carbon Dioxide (PcCO\textsubscript{2}) and Oxygen (PcO\textsubscript{2}) Monitors; Guidance for Industry and FDA.” See §868.1(e) for the availability of this guidance document.


§ 868.2500 Cutaneous oxygen (PcO\textsubscript{2}) monitor.

(a) Identification. A cutaneous oxygen (PcO\textsubscript{2}) monitor is a noninvasive, heated sensor (e.g., a Clark-type polarographic electrode) placed on the patient’s skin that is intended to monitor relative changes in the cutaneous oxygen tension.

(b) Classification. Class II (special controls). The special control for this device is FDA’s “Class II Special Controls Guidance Document: Cutaneous Carbon Dioxide (PcCO\textsubscript{2}) and Oxygen (PcO\textsubscript{2}) Monitors; Guidance for Industry and FDA.” See §868.1(e) for the availability of this guidance document.

[67 FR 76861, Dec. 13, 2002]

§ 868.2550 Pneumotachometer.

(a) Identification. A pneumotachometer is a device intended for medical purposes that is used to determine gas flow by measuring the pressure differential across a known resistance. The device may use a set of capillaries or a metal screen for the resistive element.

(b) Classification. Class II (performance standards).

§ 868.2600 Airway pressure monitor.

(a) Identification. An airway pressure monitor is a device used to measure the pressure in a patient’s upper airway. The device may include a pressure gauge and an alarm.

(b) Classification. Class II (performance standards).

§ 868.2610 Gas pressure gauge.

(a) Identification. A gas pressure gauge (e.g., bourdon tube pressure gauge) is a device intended for medical purposes that is used to measure gas pressure in a medical gas delivery system.

(b) Classification. Class I (general controls). The device is exempt from the premarket notification procedures in subpart E of part 807 of this chapter subject to the limitations in §868.9.

[67 FR 76861, Dec. 13, 2002]

§ 868.2620 Gas pressure calibrator.

(a) Identification. A gas pressure calibrator is a device intended for medical purposes that is used to calibrate pressure-measuring instruments by generating a known gas pressure.

(b) Classification. Class I (general controls). The device is exempt from the premarket notification procedures in subpart E of part 807 of this chapter subject to the limitations in §868.9.

[67 FR 76861, Dec. 13, 2002]