§ 868.2480 Cutaneous carbon dioxide (\(\text{PcCO}_2\)) monitor.

(a) Identification. A cutaneous carbon dioxide (\(\text{PcCO}_2\)) 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 (\(\text{PcCO}_2\)) and Oxygen (\(\text{PcO}_2\)) Monitors; Guidance for Industry and FDA.” See §868.1(e) for the availability of this guidance document.


§ 868.2500 Cutaneous oxygen (\(\text{PcO}_2\)) monitor.

(a) Identification. A cutaneous oxygen (\(\text{PcO}_2\)) 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 (\(\text{PcCO}_2\)) and Oxygen (\(\text{PcO}_2\)) Monitors; Guidance for Industry and FDA.” See §868.1(e) for the availability of this guidance document.

[67 FR 76681, 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.


§ 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.


§ 868.2700 Pressure regulator.

(a) Identification. A pressure regulator is a device, often called a pressure-reducing valve, that is intended for medical purposes and that is used to convert a medical gas pressure from a high variable pressure to a lower, more constant working pressure. This device includes mechanical oxygen regulators.

(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.