



## Standard Terminology Relating to Anesthesia and Respiratory Equipment<sup>1</sup>

This standard is issued under the fixed designation F 2002; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

### INTRODUCTION

Consistent use of terminology contributes to improved safety and performance of anesthetic and respiratory care equipment by helping manufacturers, operators, and users communicate more effectively. It is expected that this terminology will be used on labels and markings on equipment and documents that accompany equipment. If other terminology is used on labels or markings on equipment or documents that accompany equipment, or both, that terminology should be defined in the accompanying documents.

### 1. Scope

1.1 This terminology covers terms, symbols, and abbreviations associated with anesthesia and respiratory care equipment.

### 2. Referenced Documents

#### 2.1 *ASTM Standards:*

- F 896 Specification for Flexible Fiberoptic Bronchoscopes<sup>2</sup>
- F 920 Specification for Minimum Performance and Safety Requirements for Resuscitators Intended for Use with Humans<sup>2</sup>
- F 927 Specification for Pediatric Tracheostomy Tubes<sup>2</sup>
- F 960 Specification for Medical and Surgical Suction and Drainage Systems<sup>2</sup>
- F 965 Specification for Rigid Laryngoscopes for Tracheal Intubation—Hook-on Fittings for Laryngoscope Handles and Blades with Lamps<sup>2</sup>
- F 984 Specification for Cutaneous Gas Monitoring Devices for Oxygen and Carbon Dioxide<sup>2</sup>
- F 1054 Specification for Conical Fittings of 15-mm and 22-mm Sizes<sup>2</sup>
- F 1100 Specification for Ventilators Intended for Use in Critical Care<sup>2</sup>
- F 1101 Specification for Ventilators Intended for Use During Anesthesia<sup>2</sup>
- F 1161 Specification for Minimum Performance and Safety Requirements for Components and Systems of Anesthesia Gas Machines<sup>2</sup>
- F 1195 Specification for Rigid Laryngoscopes for Tracheal

Intubation—Hook-on Fittings for Fiberilluminated Blades and Handles<sup>2</sup>

- F 1204 Specification for Anesthesia Reservoir Bags<sup>2</sup>
- F 1205 Specification for Anesthesia Breathing Tubes<sup>2</sup>
- F 1208 Specification for Minimum Performance and Safety Requirements for Anesthesia Breathing Systems<sup>2</sup>
- F 1218 Specification for Bronchoscopes (Rigid)<sup>2</sup>
- F 1242 Specification for Cuffed and Uncuffed Tracheal Tubes<sup>2</sup>
- F 1243 Specification for Tracheal Tube Connectors<sup>2</sup>
- F 1343 Specification for Anesthetic Equipment—Scavenging Systems for Anesthetic Gases<sup>2</sup>
- F 1415 Specification for Pulse Oximeters<sup>2</sup>
- F 1452 Specification for Minimum Performance and Safety Requirements for Components and Systems of Anesthetic Gas Monitors<sup>2</sup>
- F 1456 Specification for Capnometers<sup>2</sup>
- F 1462 Specification for Oxygen Analyzers<sup>2</sup>
- F 1463 Specification for Alarm Signals in Medical Equipment Used in Anesthesia and Respiratory Care<sup>2</sup>
- F 1464 Specification for Oxygen Concentrators for Domiciliary Use<sup>2</sup>
- F 1573 Specification for Anesthetic Equipment—Oropharyngeal and Nasopharyngeal Airways<sup>2</sup>
- F 1590 Specification for Tracheostomy Tube Connectors<sup>2</sup>
- F 1627 Specification for Tracheostomy Tubes—Pediatric Tracheostomy Tubes<sup>2</sup>
- F 1628 Specification for Labeling and Marking of Cuffed and Uncuffed Tracheal Tubes and Related Treatments Intended for Use During Laser Surgery<sup>2</sup>
- F 1666 Specification for Adult Tracheostomy Tubes<sup>2</sup>

#### 2.2 *Other Documents:*

ISO 8835-2:1993 Inhalational anaesthesia systems—Part 2: Anaesthetic circle breathing systems<sup>3</sup>

<sup>1</sup> This terminology is under the jurisdiction of ASTM Committee F29 on Anesthetic and Respiratory Equipment and is the direct responsibility of Subcommittee F29.16 on Terminology.

Current edition approved June 10, 2001. Published September 2001.

Originally published as F2002-00. Last previous edition F2002-01a.

<sup>2</sup> *Annual Book of ASTM Standards*, Vol 13.01.

<sup>3</sup> Available from American National Standards Institute, 25 W. 43rd St., 4th Floor, New York, NY 10036.