

# Flowmeters & Accessories Guide

---



# The Timeter® Sure Grip Flowmeter

The Timeter Flowmeter is durable, long-lasting and easy to maintain.

Timeter Flowmeters: Quality Plus Value

- Crack-resistant polycarbonate hood
- Nickel-plated solid brass body provides high durability and long life
- Dual-tapered metering tube provides outstanding accuracy on 0-15 lpm
- Steel float eliminates sticking caused by static electricity on 0-15 lpm
- Easier readability on the 0-5 lpm range
- 5 Year Warranty



## Oxygen Flowmeters

### Brass Bodied, 50 psi, Single Flowmeter Ordering Information

Back Fitting	15 lpm	8 lpm	15 lpm with 1 Power Take-off	8 lpm with 1 Power Take-off
1/8" NPT Female	15001-03	08001-03	15001-03P	08001-03P
Chemetron® Male	15002-03	08002-03	15002-03P	08002-03P
Oxequip® Male	15003-03	08003-03	15003-03P	08003-03P
Ohmeda Male	15004-03	08004-03	15004-03P	08004-03P
Med*Star™ Male	15005-03	08005-03	15005-03P	08005-03P
Puritan Bennett Male	15006-03	08006-03	15006-03P	08006-03P
Schrader Male	15007-03	08007-03	15007-03P	08007-03P
DISS Female Handtight	15008-03	08008-03	15008-03P	08008-03P
DISS Female Hex	15009-03	08009-03	15009-03P	08009-03P
DISS Male	15010-03	08010-03	15010-03P	08010-03P

All bottom outlets are O<sub>2</sub> DISS Male

#### Additional Ordering Options Available

To Order **Aluminum Bodied** Flowmeter - Add Suffix **-A** to the Part Numbers Above - Example: 15001-03-**A**

To Order **Canadian ISO Coded/50 psi** Flowmeter - Replace the third digit with the number **4** - Example: 15**4**01-03

To Order **International ISO Coded/4 bar** Flowmeter - Replace the third digit with the number **5**- Example: 15**5**01-03

*For information about our complete line of flowmeters, please contact your Customer Service Representative.*

**Warranty Statement:** Timeter Flowmeters are warranted under normal use against any manufacturing defects from the date Allied ships for a period of five years for any failure resulting from defective parts or faulty workmanship.



# The Timeter® Sure Grip Flowmeter



## Oxygen Flowmeters

### Brass Bodied, 50 psi, Dual Flowmeter Ordering Information

Back Fitting	15 lpm with Y Bar	15 lpm with T Bar	15 lpm with T Bar & 1 Power Take-off	15 lpm with Y Bar & 1 Power Take-off	15 lpm with T Bar & 2 Power Take-offs	15 lpm with Y Bar & 2 Power Takeoffs
1/8" NPT Female	15001-03Y	15001-03T	15001-03TP1	15001-03YP1	15001-03TP2	15001-03YP2
Chemetron® Male	15002-03Y	15002-03T	15002-03TP1	15002-03YP1	15002-03TP2	15002-03YP2
Oxequip® Male	15003-03Y	15003-03T	15003-03TP1	15003-03YP1	15003-03TP2	15003-03YP2
Ohmeda Male	15004-03Y	15004-03T	15004-03TP1	15004-03YP1	15004-03TP2	15004-03YP2
Med*Star™ Male	15005-03Y	15005-03T	15005-03TP1	15005-03YP1	15005-03TP2	15005-03YP2
Puritan Bennett Male	15006-03Y	15006-03T	15006-03TP1	15006-03YP1	15006-03TP2	15006-03YP2
Schrader Male	15007-03Y	15007-03T	15007-03TP1	15007-03YP1	15007-03TP2	15007-03YP2
DISS Female Hand tight	15008-03Y	15008-03T	15008-03TP1	15008-03YP1	15008-03TP2	15008-03YP2
DISS Female Hex	15009-03Y	15009-03T	15009-03TP1	15009-03YP1	15009-03TP2	15009-03YP2
DISS Male	15010-03Y	15010-03T	15010-03TP1	15010-03YP1	15010-03TP2	15010-03YP2

All bottom outlets are O<sub>2</sub> DISS Male

#### Additional Ordering Options Available

To Order **Aluminum Bodied** Flowmeter - Add Suffix **-A** to the Part Numbers Above - Example: 15001-03-**A**

To Order **Canadian ISO Coded/50 psi** Flowmeter - Replace the third digit with the number **4** - Example: 15**4**01-03

To Order **International ISO Coded/4 bar** Flowmeter - Replace the third digit with the number **5**- Example: 15**5**01-03

*For information about our complete line of flowmeters, please contact your Customer Service Representative.*

**Warranty Statement:** Timeter Flowmeters are warranted under normal use against any manufacturing defects from the date Allied ships for a period of five years for any failure resulting from defective parts or faulty workmanship.



# The Timeter® Sure Grip Flowmeter



## Medical Air Flowmeters

### Brass Bodied, 50 psi, Single and Dual Flowmeter Ordering Information

Back Fitting	15 lpm Single	15 lpm Single with 1 Power Take-off	15 lpm Dual with Y Bar	15 lpm Dual with Y Bar & 2 Power Take-Offs
1/8" NPT Female	15001-13	15001-13P	15001-13Y	15001-13YP2
Chemetron® Male	15002-13	15002-13P	15002-13Y	15002-13YP2
Oxequip® Male	15003-13	15003-13P	15003-13Y	15003-13YP2
Ohmeda Male	15004-13	15004-13P	15004-13Y	15004-13YP2
Med*Star™ Male	15005-13	15005-13P	15005-13Y	15005-13YP2
Puritan Bennett Male	15006-13	15006-13P	15006-13Y	15006-13YP2
Schrader Male	15007-13	15007-13P	15007-13Y	15007-13YP2
DISS Female Handtight	15008-13	15008-13P	15008-13Y	15008-13YP2
DISS Female Hex	15009-13	15009-13P	15009-13Y	15009-13YP2
DISS Male	15010-13	15010-13P	15010-13Y	15010-13YP2

All bottom outlets are O<sub>2</sub> DISS Male

#### Additional Ordering Options Available

To Order **Aluminum Bodied** Flowmeter - Add Suffix **-A** to the Part Numbers Above - Example: 15001-13-**A**

To Order **Canadian ISO Coded/50 psi** Flowmeter - Replace the third digit with the number **4** - Example: 15**4**01-13

To Order **International ISO Coded/4 bar** Flowmeter - Replace the third digit with the number **5** - Example: 15**5**01-13

*For information about our complete line of flowmeters, please contact your Customer Service Representative.*



# The Timeter® Aluminum Body Flowmeter

The Timeter Aluminum Body Flowmeter is durable, long-lasting and easy to maintain.

- Value Priced
- Lighter and less costly to ship
- Crack-resistant polycarbonate hood
- Dual-tapered metering tube provides outstanding accuracy on 0-15 lpm
- Steel float eliminates sticking caused by static electricity on 0-15 lpm
- Easier readability on the 0-5 lpm range
- 5 Year Warranty



## Aluminum Body Flowmeters

### Aluminum Bodied, 50 psi, Single Flowmeter Ordering Information

Back Fitting	15 lpm Single Oxygen	15 lpm Single Air
1/8" NPT Female	15001-03-A	15001-13-A
Chemetron® Male	15002-03-A	15002-13-A
Oxequip® Male	15003-03-A	15003-13-A
Ohmeda Male	15004-03-A	15004-13-A
Med*Star™ Male	15005-03-A	15005-13-A
Puritan Bennett Male	15006-03-A	15006-13-A
Schrader Male	15007-03-A	15007-13-A
DISS Female Handtight	15008-03-A	15008-13-A
DISS Female Hex	15009-03-A	15009-13-A
DISS Male	15010-03-A	15010-13-A

All bottom outlets are O<sub>2</sub> DISS Male

**Full set of accessories available (power take-off, Y-bar, T-bar, etc.).**  
Please contact your Allied Sales Representative or Customer Service for details.

**Warranty Statement:** Timeter Flowmeters are warranted under normal use against any manufacturing defects from the date Allied ships for a period of five years for any failure resulting from defective parts or faulty workmanship.



# The Timeter® Classic Flowmeter

**From Neonates to Adults** the entire series of time-tested Classic Flowmeters demonstrates Allied's unsurpassed knowledge of the needs of care providers and patients alike. You can see it in the performance, time and time again. Every Timeter Classic Flowmeter is engineered and hand-crafted to the highest standards of performance and accuracy, while offering the ultimate durability.

- The front scale, silk-screened onto an acrylic block, is checked for accuracy at critical points against a flowmeter reference standard.
- The silk-screened back scale on oxygen flowmeters is aligned mirror perfect with the front scale.
- A serviceable valve assembly allows you to make readjustments quickly with just a slight turn of the valve stem.
- All bottom outlets are DISS oxygen male.



## Acrylic Block Construction

- Virtually Indestructible

## All-brass Base and Back Fittings

- Long lasting for Reduced Wear

## Magnifying Effect & Dual Scale

- Enables Precise Selection of Flow

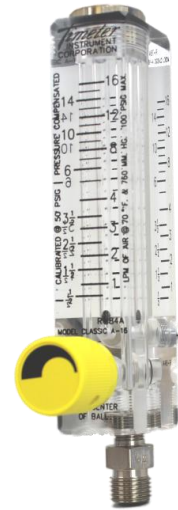
## Non-ferrous Construction & Glass Float

- Ensures MRI Compatibility
- Eliminates Static Electricity

## Specialty Applications:

- NICU & Pediatric Wards
- MRI Compatible

## 5 Year Warranty



## Oxygen & Air Flowmeters

### Classic Flowmeter Ordering Information

Back Fitting	Classic 200 200 cc Oxygen	Classic 1000 1000 cc Oxygen	Classic 0-3 3 lpm Oxygen	Classic 0-16 16 lpm Oxygen	Classic 0-75 75 lpm Oxygen	Classic A-16 16 lpm Air	Classic A-75 75 lpm Air
3/4 "Fitting 1/8" x 1/8"	T10118	TB211	TB60	TB10	TB30	TB20	TB40
Chemetron® Male	TZ03-10118	TZ03-B211	TZ03-B60	TZ03-B10	TZ03-B30	TZ16-B20	TZ16-B40
Oxequip® Male			TZ01-B60		TZ01-B30	TI2440-B20	TI2440-B40
Ohmeda Male	TZ04-10118	TZ04-B211	TZ04-B60	TZ04-B10	TZ04-B30	TZ19-B20	TZ19-B40
Puritan Bennett Male	TZ02-10118	TZ02-B211	TZ02-B60	TZ02-B10	TZ02-B30		
DISS Female Handtight	TZ12-10118	TZ12-B211	TZ12-B60	TZ12-B10	TZ12-B30		TZ20-B40
DISS Female Hex	TZ06-10118	TZ06-B211	TZ06-B60	TZ06-B10	TZ06-B30		
DISS Male		TZ10-B211	TZ10-B60	TZ10-B10	TZ10-B30		TZ15-B40

*Flowmeters listed above are calibrated for 50 psi sources. All bottom outlets are O<sub>2</sub> DISS Male*

*For information about our complete line of flowmeters, please contact your Customer Service Representative.*



# The Timer<sup>®</sup> Classic Neonatal Flowmeter

## Classic Neonatal Flowmeters

Because we understand that special care with extreme accuracy is critical to fragile, little bodies, Classic Neonatal Flowmeters are specially designed for their care. Guesswork in setting extremely low flows is virtually eliminated.

- The Classic 200 - provides the extreme low flow accuracy required in perinatal and neonatal applications.
- The Classic 1000 - the ultimate neonatal flowmeter is designed for use with more critical patients.
- The Classic 0-3 - ideal for low flow situations, makes pinpoint measurements.
- 100psi maximum operating pressure



### Specifications - Classic Neonatal Flowmeters - Oxygen & Air

Flowmeter	Application	Accuracy	Calibration	Flood Flow
<b>Classic 200 - Oxygen Perinatal &amp; Neonatal</b>	For extremely low flow situations (25-200 cc/minimum flow range). Excellent accuracy required in perinatal & neonatal applications.	±10% of full scale	25 cc/minimum lines	1 lpm minimum 3 lpm maximum
<b>Classic 1000 – Oxygen Neonatal</b>	For very low flow situations where extreme accuracy is critical. (1/10-1 lpm flow range)	±5% of full scale	1/10 lpm line	5 lpm minimum 8 lpm maximum
<b>Classic 0-3 – Oxygen Neonatal</b>	For low flow situations where accuracy is important. (1/8-3 lpm flow range) Identical back scale.	±1/8 lpm between 1/8 & 2 lpm ±1/4 lpm between 2-1/4 & 3 lpm	1/4 lpm lines from 1/4 to 2 lpm 1/2 lpm lines from 2 to 4 lpm 1 liter lines from 4 to 16 lpm	8.5 lpm maximum
<b>Classic 0-16 - Oxygen</b>	General purpose. High and low flow applications. (1/4-16 lpm flow range) Identical back scale.	±1/8 lpm between 1/4 & 2 lpm ±1/4 lpm between 2-1/2 & 12 lpm ±1/2 lpm between 13 & 16 lpm	1/4 lpm lines from 1/4 to 2 lpm 1/2 lpm lines from 2 to 4 lpm 1 liter lines from 4 to 16 lpm	85 lpm maximum
<b>Classic A-16 - Air</b>	General purpose. (1/2-16 lpm flow range)	---	1/2 lpm lines from 1/2 to 4 lpm 1 liter lines from 4 to 16 lpm	85 lpm maximum
<b>Classic 0-75 - Oxygen</b>	Where high flow of oxygen is necessary. IMV set-ups and CPAP devices. (5-75 lpm flow range)	---	5 lpm lines from 5 to 75 lpm	85 lpm maximum
<b>Classic A-75 - Air</b>	Where high flow of air is necessary. IMV set-ups and CPAP devices. (5 to 75 lpm flow range)	---	5 lpm lines from 5 to 75 lpm	85 lpm maximum



# Click-It™ Flowmeter

Allied's Click-It flowmeters are designed for use with hospital and EMS oxygen and air delivery systems where a precisely metered supply of gas is required. Click-It flowmeters offer a wide range of highly accurate flow rates regardless of orientation or visibility.

Unlike traditional Thorpe tube flowmeters, Click-it flowmeters allow the user to simply dial in the desired flow rate. The precision-machined knob clicks securely into place with each selected liter per minute flow setting while allowing for easy adjustment even with gloved hands. Laser-etched flow indications are clearly marked, making them easy to read even in low light situations.

Body is color coded to specific gas and available in oxygen and air. Available in US and ISO colors. Available in configurations for all common quick connect adapters or 1/8" NPT. Durable, anodized aluminum body construction, professional-grade flow cartridge and laser-etched knobs yield a rugged yet precise flowmeter designed to withstand years of hospital or rugged pre-hospital use.



- Precise Flow Independent of Orientation
- Click in Selections for Ease of Use
- Rugged Anodized Aluminum Case & Brass Body for Long Life
- Replaceable Flow Cartridge
- 5 Year Warranty

**Warranty Statement:** Timeter Flowmeters are warranted under normal use against any manufacturing defects from the date. Allied ships for a period of five years for any failure resulting from defective parts or faulty workmanship.





# Click-It™ Flowmeter

## SPECIFICATIONS

Nominal Inlet Pressure: 50 psi

Inlet Filter: 65 micron

Inlet Port: 1/8" NPT female or optional adapter (see below)

Outlet Flow Rates:

Accuracy - 0-03 lpm model: 0.03, 0.06, 0.12, 0.25, 0.5, 0.75, 1.0, 1.5, 2.0, 3.0, 4.0

Accuracy - 0-15 lpm model: 0.5, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0, 15.0

Accuracy - 0-25 lpm model: 0.5, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0, 15.0, 25.0

Gas Type: Oxygen and air models available.

Operating Temperature: -34°C to 51°C (-30°F to 125°F)

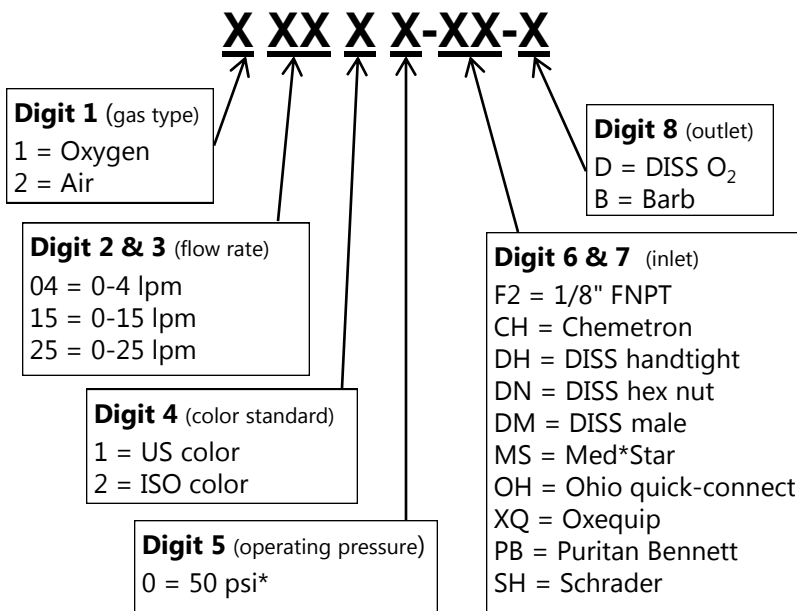
Storage Temperature: -40°C to 71°C (-40°F to 160°F)

Body Material: Anodized aluminum

Cartridge Material: Brass

Knob Material: Laser-engraved anodized aluminum

## ORDERING CONVENTION



**21510-CH-D**

**Not all configurations are currently available**, please contact your Sales Representative for pricing and availability. For more information about our complete line of flowmeters, please contact your Customer Service Representative.



# Flowmeter Accessories

The **Timeter® Oxygen Timer** combines a compact design and superior performance in a single package.

- Automatic timing of oxygen flow as low as .5 lpm
- Extremely precise time measurement in increments of .1 hour
- Positive “click” re-set to zero using a pen or pencil point
- Easy battery replacement makes units hospital serviceable

Part #	Description
TA30	Timeter Oxygen Timer
TA30-B	Replacement battery

Specifications	
Dimensions	4-1/2" H x 2" W x 2" D (11.43 x 5.08 x 5.08 cm)
Weight	10 ounces (265 grams)
Inlet Fitting	Oxygen 9/16" - 18 x 1/8" NPT DISS female
Outlet Fitting	Oxygen 9/16" - 18 x 1/8" NPT DISS male
Sensitivity	Timing starts/stops between .1 to .5 lpm
Maximum Flow	75 lpm
Timing Accuracy	±1 minute per month
Timing Range	0 to 1999.9 hours in .1 hour increments
Battery Type	CR2450 3V lithium coin cell
Battery Life	Expected life of 3 years
Warranty	2 years (battery excluded)



## Supply Line Adapter

- For extending smooth bore oxygen tubing
- Tapered for excellent gripping

Part #	Description
65100	Adapter for oxygen line, 200/case



# Flowmeter Accessories

## B&F Medical Disposable Humidifiers

- 300 cc working volume, with 3 psi (blue) or 6 psi (white) pressure relief pop-off valve
- For use in conjunction with concentrators, oxygen cylinders, and liquid systems, as well as wall outlets

Part #	Description
64375	Plastic-nut Humidifier 3 psi, blue top, 50/case
64376	Metal-nut Humidifier 3 psi, blue top, 50/case
64377	Plastic-nut Humidifier 6 psi, white top, 50/case
64378	Metal-nut Humidifier 6 psi, white top, 50/case



**64375 64377**



**64376 64378**

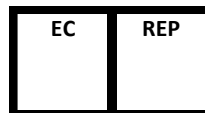


## Chemetron® Reusable Humidifiers

- Pressure Relief Valve / Audible Alarm
- Unbreakable Polypropylene
- Autoclavable Cap Assembly

Part #	Description
34-10-0005	Reusable Bubble Humidifier , qty – 1 each
34-10-0025	Reusable Bubble Humidifier , qty – 12/case

Please call Allied for information on models holding CE mark.



**EMERGO EUROPE**  
Molenstraat 15  
2513 BH, The Hague  
The Netherlands

Allied Healthcare Products, Inc. ▪ 1720 Sublette Avenue ▪ St. Louis, MO 63110 USA  
314/771-2400 ▪ 800/444-3954 ▪ FAX: 314/771-0650 ▪ [www.alliedhpi.com](http://www.alliedhpi.com)

U.S.  
Toll Free: 800/444-3940  
FAX: 800/477-7701

Canada & Mexico  
Toll Free: 800/446-0552  
FAX: 800/246-6201

International  
Telephone: 314/268-1683  
FAX: 314/771-5183

**ISO 13485: 2003**



Allied Healthcare Products, Inc. – Global Support of Life

All specifications are nominal and subject to change without notice.

Form 10-00-0101  
Rev. FEB2016