

# ROTAMETER

GLASS TUBE

**Effex**  
INDUSTRIALSOLUTIONS

## MODEL CODE : EGTR

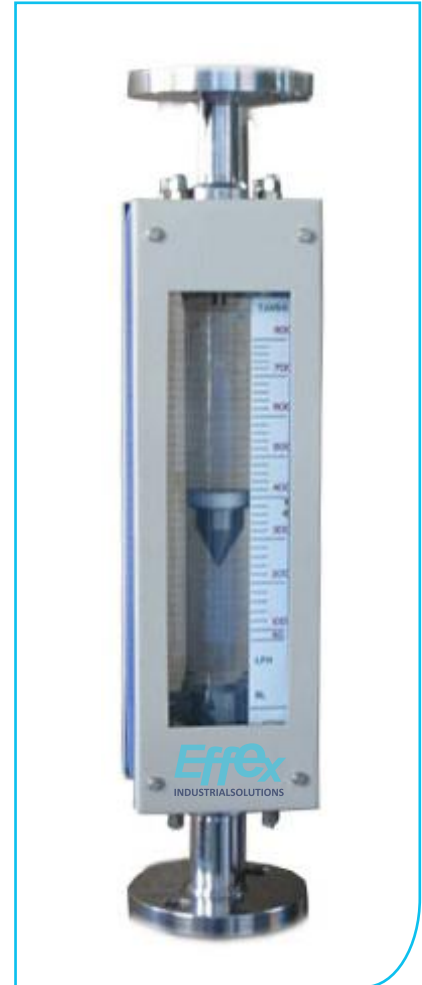
### SPECIAL FEATURES

It operates on the principle of variable area the fluid in the glass tube raises the float in the taper tube increasing the area of passage fluid.

The float moves up in proportion to the rate of flow of fluid and get stabilized when the weight of the float is balanced by the upward hydraulic force.

The tube and the float combination determines the flow rate. The float has a sharp metering edge where the reading is observed by means of scale mounted along side of the tube.

The taper glass tube is formed of annealed borosilicate glass of extremely high accuracy bore.



### SPECIFICATIONS

Accuracy	: ±1% of FSR
Repeatability	: ±0.25% of FSR
Rangeability	: 10 : 1
Temperature Rating	: 150 Deg. C
Pressure Rating	: 10 Kg/cm <sup>2</sup>
Body	: Metallic Powder Coated Body With Trent Acrylic Front Side
End Connection	: 1/2" NPT (F), 316SS, Screwed Connection at top & bottom
Material Of Wetted Parts	: CS / SS 304 / SS 316 / PP / PVC / Teflon As per type of fluid
Metering Tube	: Borosilicate Tapered Glass Tube
Float	: SS 304 / SS 316 / Teflon As per type of fluid
Flow Direction	: From Bottom To Top
Mounting Position	: Online Vertical
Scale	: Detachable Engraved Plastic Scale
Scale Length	: 50 To 60 mm
Packing	: Teflon
Inlet	: Bottom (Back Connection)
Outlet	: Top (Back Connection)

**ROTAMETER**

# MINIATURE LEVEL SWITCH

SIDE MOUNTED / TOP MOUNTED (ALL SS)



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### HOW TO ORDER

#### BASIC MODEL

Example  
EGTR

#### MATERIAL OF WETTED PARTS

6S

CS : C.S.                      4S : SS 304                      6S : SS 316                      PP : P.P.  
PV : P.V.C.                      TE : TEFLON                      XX : NON STANDARD

#### MEASURING RANGE

BO

BO BOROSILICATE                      XX NON STANDARD

#### END CONNECTION

4NM

THREADED CONNECTIONS  
4NM : 1/2" NPT (M)                      5NM : 3/4" NPT (M)                      6NM : 1" NPT (M)  
4NF : 1/2" NPT (F)                      5NF : 3/4" NPT (F)                      6NM : 1" NPT (F)  
XXX : NON STANDARD

FLANGED ANSI B 16.5 - RF  
6A : 3/4" 150#      1A : 1" 150#      4A : 1 1/2" 150#      2A : 2" 150#      7A : 3" 150#      9A : 4" 150#  
6B : 3/4" 300#      1B : 1" 300#      4B : 1 1/2" 300#      2B : 2" 300#      7B : 3" 300#      9B : 4" 300#  
6C : 3/4" 600#      1C : 1" 600#      4C : 1 1/2" 600#      2C : 2" 600#      7C : 3" 600#      9C : 4" 600#  
XXX : NON STANDARD

#### FLOAT

6S

CS : C.S.                      4S : SS 304                      6S : SS 316  
XX : NON STANDARD

#### RANGE

0.002

PLEASE SPECIFY THE RANGE (E.G. Write 0.002 for 0.002 m3/hr)

ROTAMETER WILL BE GIVEN WITH IN THE RANGE OF 0.002 m3/hr to 25 m3/hr

#### Ordering Example : EGTR - 6S - BO - 4NM - 6S - 0.002

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.

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