

# ISLAND SCIENTIFIC LTD

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*Vacuum Equipment, Used and Reconditioned for Technology,  
Industry, Research and Education*



***Make: Brooks  
Model: 5850TR***

## ***Performance***

*Accuracy  $\pm 1\%$  full scale including linearity measured at calibrated conditions*

*Repeatability  $\pm 0.25\%$  full scale*

*Rangeability 50 to 1*

*Temperature coefficient 0.1% full scale/ $^{\circ}\text{C}$*

*Mounting attitude sensitivity  $\pm 0.5\%$  full scale maximum deviation from specified accuracy*

*Flow ranges Any full scale range from 10 mln/min. to 20ln/min. Based on Nitrogen equivalent.*

*Flow output/setpoint input 0-5 Vdc, min. load: 1000 Ohm*

*(0)4-20 mA min. load: 350 Ohm*

## Ratings

Max. operating pressure 100 bar versions

Temperature Ambient/gas 0-65°C (32-149°F)

Leak integrity Outboard:  $1 \times 10^{-6}$  mbar.l/s Helium

Power requirements +15 Vdc to +24 Vdc (max. 250 mA)

Materials of construction Wetted parts stainless steel with Viton®, PTFE, Buna-N®  
or

Kalrez®

Mechanical connections Standard fittings: 1/4" VCR, 1/4" VCO, 1/4" NPT, 1/8" or  
1/4"

tube compression, 9/16 - 18 unf, 6 mm tube compression,  
1/4" Rc (BSPT)

Electrical connection Sub-D-type connector or Card Edge

## Dimensions:

