

FLOWTRUE®

Water Flow Control System



Features

- Innovative flow tube cleaning mechanism
- Unique segmental valves
- Integrated non-return valve
- Modular design
- Adjustable flow meter

Benefits

- The device can be cleaned without interrupting flow and pressure to the seal
- Prevents FlowTrue® from clogging
- Protects plant water supply from product contamination
- Ensures that the device can be easily upgraded and repaired
- Controls the amount of water flowing to the mechanical seal for cooling purposes



The fully patented AESSEAL® FLOWTRUE® is a robust and adjustable flow meter that controls the amount of water flowing to the mechanical seal for cooling purposes. The unique and advanced FLOWTRUE® design means that of all the flow meters available it is the least likely to clog. This is due to large internal clearances within the design. There are three models of the FLOWTRUE® available which enables it to be used on packing applications, single seals and double mechanical seals. Additional instrumentation such as flow alarms can be added to introduce even greater control over the sealing environment.



Model FT-XX: For use with packed glands and single seals

Flow Ranges (XX):

l/min	gpm
0.5 – 1.5	0.1 – 0.4
0.5 – 3.0	0.2 – 0.8
1.0 – 8.0	0.25 – 2.0
2.0 – 15	1.0 – 4.0

All FLOWTRUE® models are available as screw connection versions (SC-shown right) as well as the push-on connection versions shown on the three models to the left.



Model FTP-XX-YYY: For use with packed glands and mechanical seals

Flow Ranges (XX):

l/min	gpm
0.5 – 1.5	0.1 – 0.4
0.5 – 3.0	0.2 – 0.8
1.0 – 8.0	0.25 – 2.0
2.0 – 15	1.0 – 4.0
15 – 50	4.0 – 13.0

Pressure Options (YYY):

bar	psi
0 – 10	0 – 145
0 – 25	0 – 360



Model FTPB-XX-YYY: For use with double mechanical seals

Flow Ranges (XX):

l/min	gpm
0.5 – 1.5	0.1 – 0.4
0.5 – 3.0	0.2 – 0.8
1.0 – 8.0	0.25 – 2.0
2.0 – 15	1.0 – 4.0

Pressure Options (YYY):

bar	psi
0 – 10	0 – 145
0 – 25	0 – 360



If you would like any more information on optional extras please contact AESSEAL® at the address below.

Barrier & buffer fluid systems for use with double mechanical seals. AESSEAL® supplies an extensive range of barrier and buffer fluid systems for use with double mechanical seals. Wherever possible AESSEAL® prefers to supply both the seal and the system. In addition the company will suggest suitable barrier or buffer fluids for most applications, based on extensive field experience. AESSEAL® accepts no responsibility for any problems associated with system design, installation, operation, or the use of an unsuitable barrier or buffer fluid, where the fluid, seal or any part of the system have not been specified and / or supplied by AESSEAL®

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For further information and safe operating limits contact our technical specialists at the locations below.



UK Sales & Technical advice:

AESSEAL plc
Mill Close
Bradmarsh Business Park
Rotherham,
S60 1BZ, UK
Tel: +44 (0) 1709 369966
E-mail: enquiries@aes seal.info
www.aes seal.com

AESSEAL plc is certified to:

ISO 9001, ISO 14001, ISO/IEC 20000, ISO/IEC 27001,
ISO/TS 29001, ISO 37001, ISO 45001 & ISO 50001



Net Zero champions globally



Use double mechanical seals with hazardous products.

Always take safety precautions:

- Guard your equipment
- Wear protective clothing



USA Sales & Technical advice:

AESSEAL Inc.
355 Dunavant Drive
Rockford,
TN. 37853,
USA

Tel: +1 865 531 0192
E-mail: usa@aes seal.com
www.aes seal.com

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