Safeunit Ultima

New Seal Water Control and Monitoring System

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SAFEMATIC

Safematic Safeunit Ultima

Extended operation area to optimise seal operation in extreme conditions

Safeunit Ultima is specially designed to control seal water flow and pressure. This increases the reliability of seals used in pumps and process machinery while reducing seal water consumption up to 80%. It is designed for use in harsh operating environments where high temperature, high pressure and chemically aggressive elements are present. This makes it ideal for extreme applications found in pulp, paper and chemical industry processes, plus a wide variety of mining and general industrial uses.

The easy to install Safeunit Ultima not only controls and monitors seal water flow and pressure, but also drastically reduces seal water consumption. This results in increased sealing reliability, longer process equipment uptime plus reduced shutdowns and lower maintenance costs.

Safeunit Ultima options are available for all seal water control needs:

Type SUP for packing or single flush seals

Type SUQ for non pressurised quench seals

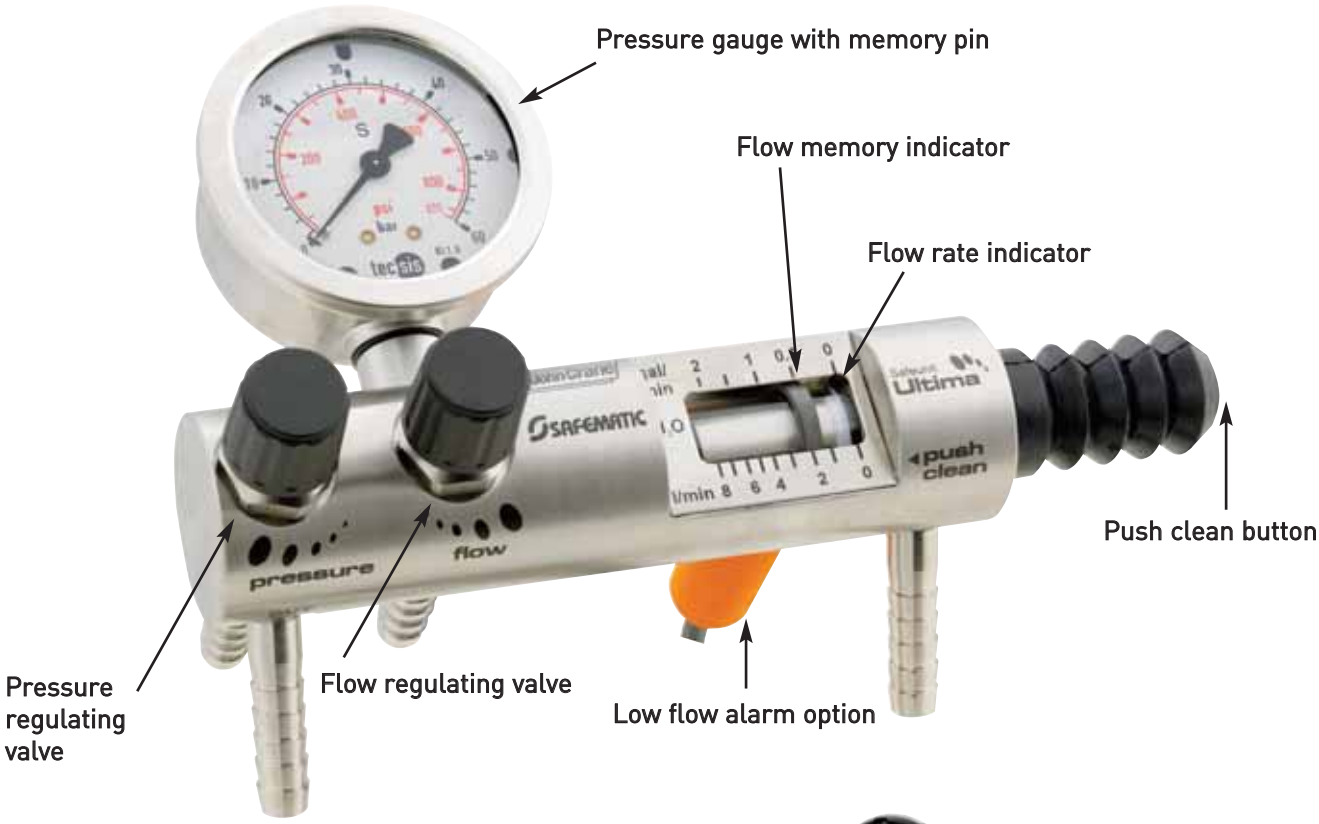
Type SUD for double mechanical seals

Safematic Safeunit Ultima

Rugged and compact seal water unit with:

- Advanced design to reduce seal water pressure loss
- Rugged heavy duty structure
- Patented cleaning plunger that cleans the display and check valve during operation
- Improved accuracy
- Excellent resistance to chemical attacks and corrosion
- Proven regulating valve design providing reliable seal performance
- Greater operating temperatures (up to 100°C)
- Optional 60 bar pressure capability

New rugged stainless steel design

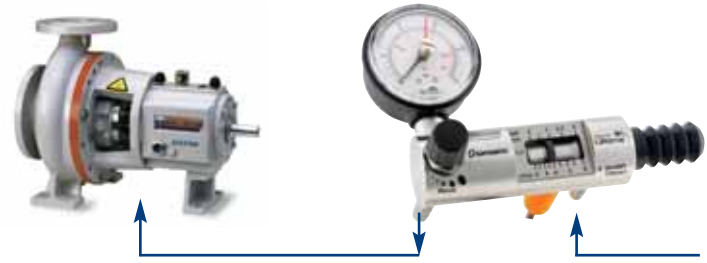


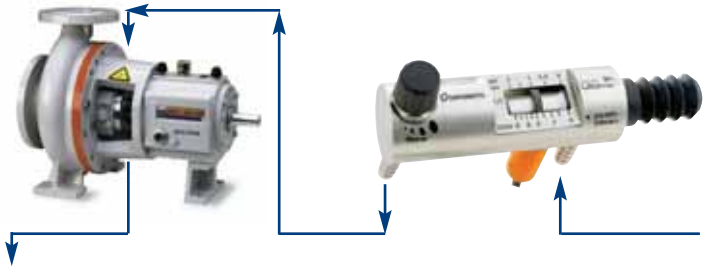
New improved operating area:

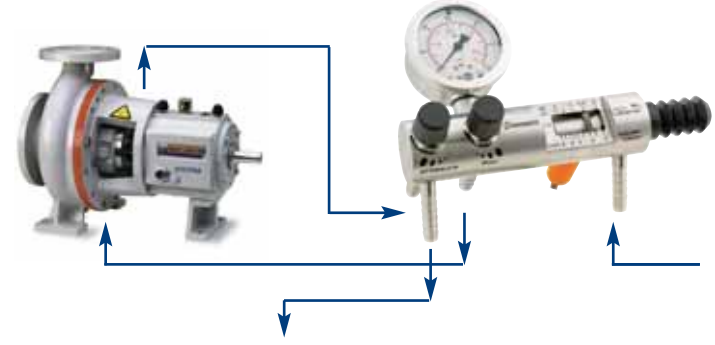
- Max. temperature + 100°C (212°F)
- Max. pressure 60 bar (870 PSI)

Mechanical Sealing Systems with Safeunit Ultima

Safeunit Ultima order form







Safeunit Ultima type:

- Type SUP
- Type SUQ
- Type SUD

Flow:

- 3 l / min (0,75 GPM)
- 8 l / min (2 GPM)
- 15 l / min (4 GPM)

Pressure area:

- 25 bar (360 PSI)
- 60 bar (870 PSI)

Complete hose assembly:

- Yes

Seal Connections:

- NPT
- 1/8
- 1/4
- 3/8
- R
- 1/2
- Other

Documentation:

- English
- Swedish
- German
- Other

Alarm:

- AC-1 (20-250 VAC/DC
- DC-1 (10-36 VDC)

Mounting:

- Bracket

- Stand

For your nearest John Crane facility, please contact one of the locations below.

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Muurame, Finland
Tel: 358-10-8525-611
Fax: 358-10-8525-600

Europe
Slough, UK
Tel: 44-1753-224000
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Tel: 1-847-967-2400
Fax: 1-847-967-3915

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Middle East & Africa
Dubai, United Arab Emirates
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Asia Pacific
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