EXEL ORBITAL WELD HEADS & PRESSURE CONTROLLER

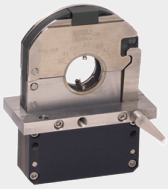
EXEL by Arc Machines, Inc.

HIGH PERFORMANCE EXEL WELD HEADS

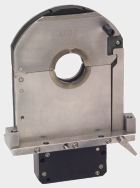
The Exel Weld Head range is made up of a Rotor Driver unit plus five interchangeable, air-cooled Weld Heads specifically designed to deliver top-quality, repeatable welds in high purity Tube & Fittings applications. The Rotor Driver and Weld Heads can be used with the Exel EPS Power Supply or with any of the AMI Tube Power Supplies (M205, M207, M307).

RDR-005

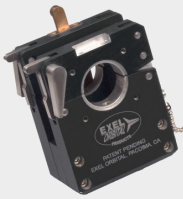
RTU-004SL



RTU-008SL



RTU-016SL



RTU-008

RTU-032

- Rugged air-cooled construction for lower maintenance/operating costs.
- Slim-line & heavy duty fixtures.
- Weld components from 1/8” - 1” (3,175 mm - 25,4 mm).
- Superior clamping & ease of alignment.

◄ **The RDR Series rotor drivers operates all the rotor units in the Exel product line, including the slim line series.**

- The robust, high impact resistant plastic design ensures superior reliability under the most extreme construction conditions.

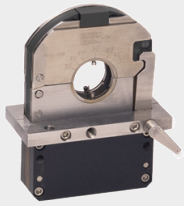
SLIM LINE RANGE FOR SPECIAL APPLICATIONS & MICRO FITS

RTU-004

Sizes: 1/8” - 1/4”
(3,175 mm - 6,35 mm)

cf Swagelok® Series 4

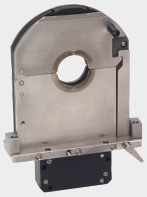
RTU-008SL



Sizes: 1/8” - 1/2”
(3,175 mm - 12,7 mm)

cf Swagelok® Series 8

RTU-016SL



Sizes: 1/2” - 1”
(12,7 mm - 25,4 mm)

No Direct Competitor

- **Unique “over the top clamp mechanism” combined with solid tubeinserts ensures stronger fixturing and easier component alignment.**
- **High temperature thermoplastic construction gives significant advantages in heat management and durability.**
- **Ideal for restricted access applications such as sanitary ferrules and other limited- clearance fitting applications.**

www.arcmachines.com/ExelbyAMI

EXEL ORBITAL WELD HEADS & PRESSURE CONTROLLER

AIR-COOLED WELD HEADS

RTU-008

Sizes: 1/4” - 5/8”
(6,35 mm - 15,87 mm)

cf Swagelok® Series 5

RTU-032

Sizes: 1/2” - 2”
(12,7 mm - 50,8 mm)

cf Swagelok® Series 10 and Series 20

- Extended duty cycle.
- Superior, repeatable and secure fixturing for Semiconductor and Biopharmaceutical industries.
- Nearly 2x clamping power over competitors.
- Patented latch system on the RTU-032 provides extraordinary rigid fixturing.

◀ Patented latch system

AUTOMATIC PRESSURE CONTROLLER

SG1 - The First Automatic Pressure Controller for Orbital Welding of Tube or Pipe

- Sizes: 1/8” - 6” (3,175 mm - 152,4 mm)
- Operates on a closed loop controlled, high speed iris valve, tied to the on board microprocessor, which constantly monitors the internal pressure of the weld using a sensitive pressure transducer.

SG1

MADE IN U.S.A PRODUCT

For further information please visit our website or e-mail us to sales@arcmachines.com

Innovation, Quality & Reliability

EXEL by Arc Machines, Inc.

ISO 9001:2008 REGISTERED

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