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For More Information Contact:

Andrea Siy, President
SIY Communications, Inc.
978-465-6363

andrea@siycommunications.com

Steve Maxson, Vice President, Extrusion Systems
American Kuhne, Inc.
828-304-8222

smaxson@americankuhne.com

On display at
MDM East

Booth #2246

American Kuhne Introduces the NEW Compact MD Extruder Series

(American Kuhne, Inc., Ashaway, RI, April 12, 2010)... As a result of working closely with end users to develop an in depth understanding of their requirements, American Kuhne has satisfied the need for reduced floor space with a line of compact extruders. These extruders are designed to produce precision medical tubing within the space limitations that often exist in clean rooms.

The unique Compact MD series extruder is designed specifically for clean room and/or controlled environments. The electrical controls are easily serviced and integral with the extruder frame, providing the benefit of reduced machine width and reduced floor space. The low profile control panel enables the operator's unobstructed view across the clean room production area. The machine is designed with smooth external surfaces and rounded corners that allow for quick and easy wipe down. The ergonomically designed rotating operator control station can include simple discrete controls or the customer's



choice of three levels of AKcess touch screen control solutions. The Compact series extruder is also available with an option to include the entire main frame and safety guards to be made entirely of stainless steel in place of standard painted steel. The Compact Series is offered in 0.5" (12.7mm) to 1.75" (44mm) sizes. All extruders, systems and controls sold into Europe are CE labeled.

The Compact MD extruder is also available in an optional "Modular" variation where the barrel diameter and/or L/D can be quickly and easily changed to achieve different output ranges and/or simply to accelerate change-over and clean-out time.

Each American Kuhne extruder includes a Steward Barrier Screw that is designed specifically for the application. The Steward Barrier Screws are the heart of the process and provide a number of critical benefits. The screws are designed to maximize pressure stability for the tightest possible dimensional tolerances, ideally +/- 1.0% or better and minimize melt temperature variation, ideally +/- 1 degree or less. The screws provide the optimum melt temperature for the best possible product performance and surface finish. All design parameters and performance data is generated in AK's Extrusion Lab and in the field, not the result of hypothetical computer modeling

About American Kuhne, Inc.

American Kuhne, Inc. is a leading worldwide supplier of standard and customized single screw extruders, feed screws, extrusion systems and extrusion process controllers. Customers range from small custom extrusion shops to Fortune 500 and 1000 companies. They rely on American Kuhne products for superior design and value, as well as American Kuhne's engineering and service



specialists for exceptional long-term support. AK was founded on three basic core values: Supply the most advanced machinery with the best process support and outstanding customer service.

Unmatched in the industry, the company offers:

- **No Risk Guarantee**
- **Three Year Warranty**
- **24/7 Service**
- **Wet Testing Prior to Shipment**
- **Free Spare Parts**
- **Fair Spare Parts Pricing**

Extruder sizes range from 1/2" through 12-inch. They are designed and built in Ashaway, RI. Turnkey pipe, tubing and profile systems are also developed, tested and manufactured within their plant. In addition, the company also maintains a fully instrumented extrusion lab with a high-speed computerized data acquisition system available for free customer trials. ###



Photo Caption:
The American Kuhne unique Compact MD series extruder is designed specifically for clean room and/or controlled environments.