For Immediate Release

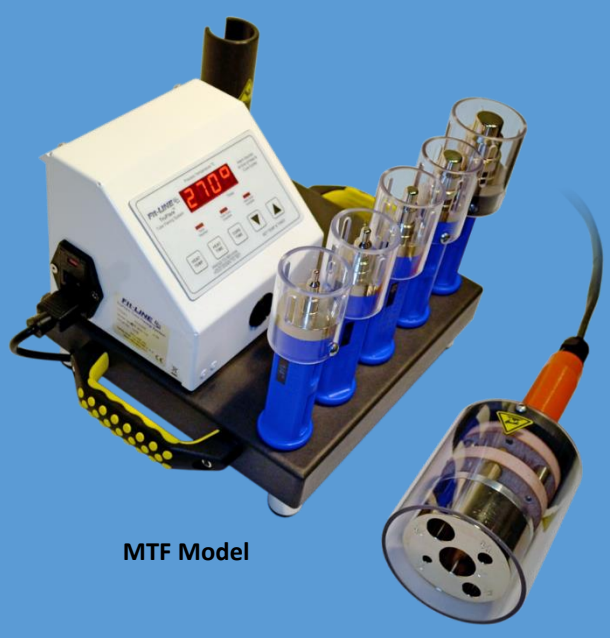
FLUOROPOLYMER TUBE FLARING SYSTEMS CREATE PRECISE FLARED ENDS

SANTA ANA, Calif. – Fluoropolymer fittings experts Fit-LINE, Inc. have developed TruFLARE™ tube flaring systems to create precise, concentric and repeatable tube flares for high-purity fluid processing applications in the Semiconductor, Biotech, Pharmaceutical and Ultra-Pure Water industries. This patented fabrication technology gives users the ability to easily and quickly flare fluoropolymer tubes for use with assemblies requiring flare fittings and flared tube ends. By standardizing the tube flaring process, it eliminates quality issues inherent in flaring tubing on-site using a hand-held tool and heat gun.

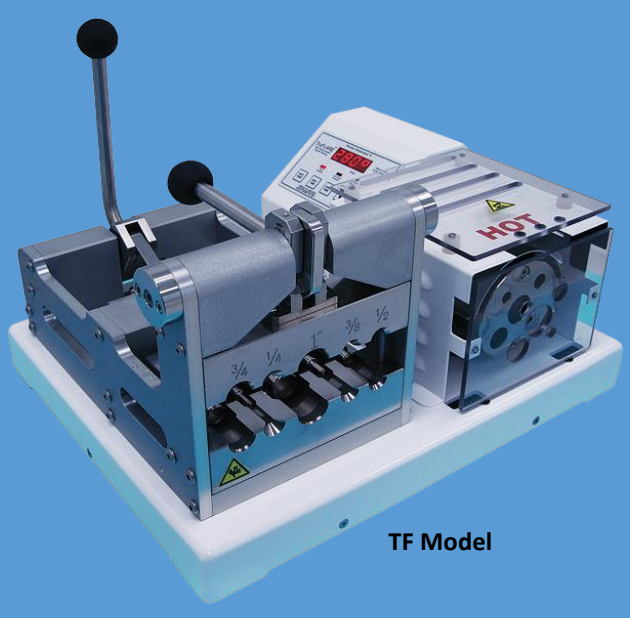
TruFLARE systems are uniquely-engineered, automated bench top and mobile units that feature patented heaters and mandrels that form stress-free flared tube ends for standard-size fluoropolymer tubing from ¼-inch to 1 ¼-inch in diameter.

As Featured In

Solid State TECHNOLOGY®
Insights for Electronics Manufacturing



MTF Model



TF Model

Both TruFLARE systems feature a digital controller to easily program them with the required heat temperature, heat time and cure time based on the tube size. The patented heaters apply uniform heat around the tube to a controlled and repeatable length. Once the heat cycle is complete, the tube end is installed over the forming mandrel. The mandrels are engineered to extract the heat evenly from the flared tube end. Applying controlled, uniform heat and extracting it evenly creates a stress-free "formed" flared end. This gives end users the flexibility to flare their tubes days in advance or quickly and consistently at the job site. According to Ryan Cunningham, Fit-LINE mechanical engineer, "These systems were designed to address common flaring assembly issues. Our customers can now make simple tube flaring procedures and train their employees to create quality, consistent tube flares."

Training and Certification

To support end users, Fit-LINE created a comprehensive, hands-on training program, through its qualified distributors, which describes system usage, tube flaring steps and flare assembly validation. To measure the effectiveness of the training program, trainees are required to successfully flare fitting assemblies and submit them to Fit-LINE for testing. The flared assemblies are subjected to a thermo- hydrostatic test and if they pass, certification is awarded to the trainee.

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About Fit-LINE, Inc.

Fit-LINE's extensive fluoropolymer and injection molding expertise creates innovative and quality fitting products and assembly tools for high-purity fluid processing applications. An ingenious problem-solver and trusted supplier to the Semiconductor, Pharmaceutical, Biotech, Life Science and Ultra-Pure Water industries for more than 20 years, Fit-Line produces SEMI-F57-0301-compliant PFA and PVDF standard and custom fittings in a world-class production facility where attention to detail and proprietary cleaning and packaging processes ensure the highest levels of quality and customer satisfaction.