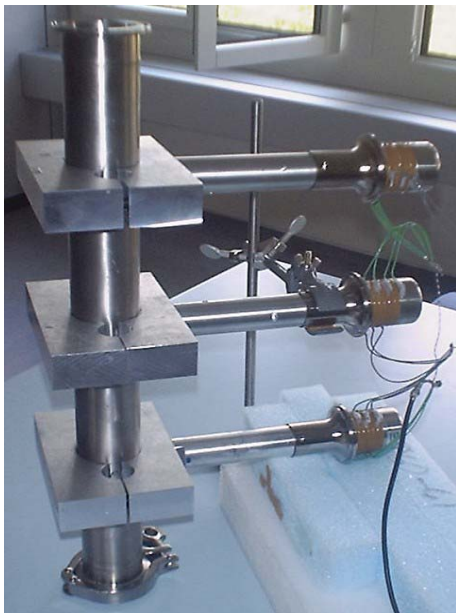


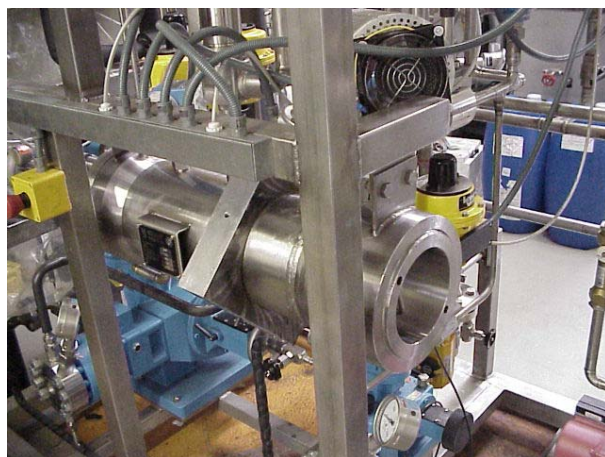
MMM CLAMP-ON TECHNOLOGY-Applications



Tubular Ultrasonic Reactors

Clamp-On elements can be installed on any tube

Applications: Fluids mixing, Cleaning of internal tube area, Liquid Atomizing, Homogenizing, Tubes Cleaning in Nuclear Industry, Facilitating flow and removing fluid friction, Stress Relief, Sonochemicals and applications in Sonochemistry, Extractions, Mining Industry, Fuels and oil blending, Facilitating powders transport in pipe conduits, Large Surfaces Defoaming, Birds and Animals Repealers, Sonar applications, Liquid Metals Processing, Extrusion, Ultra-Filtration, Waste waters treatment, Sterilization, Zebra Shells Repealing, Boilers protection and cleaning, Fuel Injection and Atomizing, Washing Machines, Pulp & Paper Technologies, Ice-making, Dust Removal, Incineration of Liquids, ...



**Clamp-On Agitation of the Liquid, Supercritical CO₂ Reactor
(300 Bar applications, 25 mm wall thickness)**



Clamp-On Liquids Sampling and Filtration (MPI – EIF)

MMM CLAMP-ON APPLICATIONS IN PROCESS INDUSTRY

Examples where Clamp-On agitation can be installed



Easier liquids flow and higher flow rate; Friction removal



Heat Exchanging Applications: Longer operating life before cleaning



Heat Exchanging Applications: Longer operating life before cleaning



Extruders, pumps: Higher flow rate, no friction



Filtering, separation, mixing, homogenizing