

MEGASONIC CLEANING SYSTEMS

Effective wet process cleaning requires a precise integration of technology and components. With the ACCUMEG™, IMTEC combines over thirty years of wet processing experience with the most reliable megasonic components available. ACCUMEG™ systems not only deliver world-class cleaning performance, but offer the reliability and productivity that insure excellent uptime, minimum maintenance and the lowest cost of ownership.

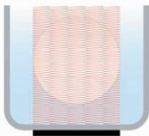
ACCUMEG™ offers a unique and effective megasonic transducer design. Complete megasonic energy coverage of all wafer surfaces is essential for complete cleaning. Other systems attempt to deliver the sonic energy in a variety of configurations including "pulsed" arrays, "fan dispersed" transducer arrays and others, each in an attempt to achieve even, full power coverage.

ACCUMEG™ delivers continuous high energy throughout the active area by virtue of a full coverage transducer configuration. This megasonic array covers the entire process load capacity of the tank without any of the energy loss associated with pulsing or "sequencing" the energy to the surface of the wafers.



System Specifications

Power Supply	208-250VAC, Single Phase, 12A, 3 Wire
Frequency	975 kHz +/- 25 kHz
Transducer Surface	Teflon Coated
Dimensions I.D.	10" W X 9" L X 9" D
Dimensions O.D.	10.5" W X 9.5" L X 13.52" D
Active Area	5.51" W X 6.89" L
Watts Per Sq In	~31 Watts
Tank Material	Natural Polypropylene
Generator Dimensions	14.96" W X 21.95" L X 6.89" D, 55 lbs

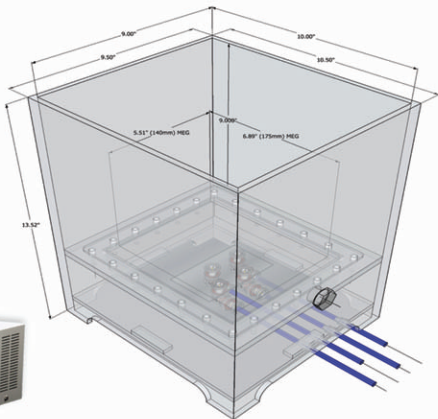


The ACCUMEG™ is designed to provide continuous megasonic energy across the full width and depth of all the wafers in the process vessel. This constant energy is the key to complete, fast, efficient cleaning and the elimination of particle reattachment.

Continuous Full Coverage, high performance cleaning

Accumeg Mini - Table Top Megasonic System

As technology advances, so do the tools required to realize such advancements. The R&D process is the first step to progressing to the next technology node. With research and development, Imtec understands that new processes must be validated before they can proceed to the next step. With that in mind Imtec has designed the Accumeg Mini - Table Top Megasonic System to be low cost, maintenance free, plug and play, and simple to operate. The Accumeg Mini - Table Top Megasonic System is priced* extremely low eliminating the entry barriers to utilizing Magsonics for your R&D projects.



*Consult factory/distributor for pricing, quantity limited to one system per customer. This offer is good for a limited time only.

12 Month Warranty

IMTEC products conform to the standards UL and CE. IMTEC Acculene, Inc. is ISO 9001:2000 registered.