



The ProSys Direct Megasonic Systems can be configured for 150-450mm processing. The advanced controls ensure that no misprocessing of substrates takes place. This complete, quartz **direct**-Megasonic cleaning system is ready to install in your process stations as a replacement for your legacy systems. **Direct** Megasonic energy is more uniform than **indirect**, achieving an equivalent pressure for 60% less input. The controls self-monitor and ensure that no material is misprocessed

Features

- Single and dual 200mm to 450mm tanks available
- All-quartz wetted surfaces
- Replaceable and repairable transducer arrays
- Thick quartz bottom-mounted transducer
- No cooling DIW required

Benefits

- Self-monitoring of key process parameters
- No misprocessing of wafers – the controls can detect and warn of a failure to reach recipe process power
- Process parameter data via E-Net
- Improved uniformity over **indirect**
- Lower installation and use cost over the **indirect** system
- 1-to-1 replacement of legacy systems
- No bench software to change

Specifications

- Power densities up to 1.5 Watts/cm²
- Process fluid temperatures to 60°C
- Special sizes available for solar
- Interfaces with the IMPulse RF electronics
- Standard model operates at 925 kHz

