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[www.mastersonics.com](http://www.mastersonics.com)

VISIT **FREE DOWNLOAD** FROM the **SERVER** databank:  
<http://www.mastersonic.com/documents/>

**NO HARMFUL FILES. YOU WILL NOT EXPERIENCE ANY PROBLEM WHEN  
DOWNLOADING AND OPENING FILES FROM MPI SERVER:**

**CTRL + Click to follow link**

**There are many movie files on the server (lot of them are very large). First  
download the complete document to your PC, and than activate the movie file  
(this way you will save a lot of time).**

**For reading the files you will need Acrobat Reader (Download Acrobat Reader  
from: <http://www.adobe.com/products/acrobat/readermain.html>)**

See about **MMM basics:**

[www.mastersonic.com/documents/mmm\\_basics\\_presentation.pdf](http://www.mastersonic.com/documents/mmm_basics_presentation.pdf)

**MMM IN ACTION: movie files** [http://mastersonic.com/documents/mmm\\_basics/mmm-in-action-movie-files/](http://mastersonic.com/documents/mmm_basics/mmm-in-action-movie-files/)

See about **MMM products:**

[http://mastersonic.com/documents/mmm\\_products\\_overview.pdf](http://mastersonic.com/documents/mmm_products_overview.pdf)

[http://www.mastersonics.com/documents/mmm\\_basics/general\\_info/transducers\\_and\\_resonators/20-khz-3kw-converter%20specifications.pdf](http://www.mastersonics.com/documents/mmm_basics/general_info/transducers_and_resonators/20-khz-3kw-converter%20specifications.pdf)

[http://mastersonic.com/documents/mmm\\_applications/liquids\\_processing/pipe-clamp-reactors.pdf](http://mastersonic.com/documents/mmm_applications/liquids_processing/pipe-clamp-reactors.pdf)

**New BOOK:** Piezoelectric Transducers Modeling and Characterization  
(complete technology and know-how inside). Activate the link below.

[http://mastersonic.com/documents/book\\_transducers\\_modeling.pdf](http://mastersonic.com/documents/book_transducers_modeling.pdf)

#### **EXTENDED LIST OF EXTRAORDINARY MMM APPLICATIONS:**

You could see/download couple of [MPI's projects presentations](#) on the following server addresses:

[http://mastersonic.com/documents/mmm\\_applications/different\\_mmm\\_applications/mmm-extended-list-of-applications.pdf](http://mastersonic.com/documents/mmm_applications/different_mmm_applications/mmm-extended-list-of-applications.pdf)

#### **ULTRASONIC ATOMIZING:**

[http://mastersonic.com/documents/mmm\\_applications/mmm\\_atomizing/mmm\\_atomizing\\_technology.pdf](http://mastersonic.com/documents/mmm_applications/mmm_atomizing/mmm_atomizing_technology.pdf)

#### **ULTRASONIC POWDERS SIEVING and AGITATION:**

[http://mastersonics.com/documents/mmm\\_applications/powders-sieving/powders\\_sieving/powders\\_sieving\\_presentation.pdf](http://mastersonics.com/documents/mmm_applications/powders-sieving/powders_sieving/powders_sieving_presentation.pdf)  
[http://www.mastersonics.com/documents/mmm\\_applications/powders-sieving/powders-agitation/](http://www.mastersonics.com/documents/mmm_applications/powders-sieving/powders-agitation/)

**ULTRASONIC TUBULAR CLAMP-ON REACTORS:**

[http://mastersonic.com/documents/mmm\\_applications/liquids\\_processing/tubular\\_clamp\\_on\\_reactors.pdf](http://mastersonic.com/documents/mmm_applications/liquids_processing/tubular_clamp_on_reactors.pdf)

**ULTRASONIC FLOW-TROUGH REACTORS APPLICATIONS:**

[http://mastersonic.com/documents/mmm\\_applications/liquids\\_processing/flow-trough-reactors-applications.pdf](http://mastersonic.com/documents/mmm_applications/liquids_processing/flow-trough-reactors-applications.pdf)

**ULTRASONIC GLASS REACTORS FOR AGGRESSIVE SONOCHEMISTRY:**

[http://mastersonic.com/documents/mmm\\_applications/liquids\\_processing/lab-reactor-glass-tube.pdf](http://mastersonic.com/documents/mmm_applications/liquids_processing/lab-reactor-glass-tube.pdf)

**SONOREACTORS CLASSIFICATION AND EXAMPLES:**

[http://mastersonic.com/documents/mmm\\_applications/liquids\\_processing/sonoreactors\\_classification\\_examples\\_applications.pdf](http://mastersonic.com/documents/mmm_applications/liquids_processing/sonoreactors_classification_examples_applications.pdf)

**ULTRASONIC MULTIFREQUENCY CUTTING:**

[http://mastersonic.com/documents/mmm\\_applications/machining-drawing-extruding-cutting/multifrequency-ultrasonic-cutting.pdf](http://mastersonic.com/documents/mmm_applications/machining-drawing-extruding-cutting/multifrequency-ultrasonic-cutting.pdf)

**and**

[http://mastersonic.com/documents/mmm\\_applications/machining-drawing-extruding-cutting/mmm%20cutting%20in%20action.pdf](http://mastersonic.com/documents/mmm_applications/machining-drawing-extruding-cutting/mmm%20cutting%20in%20action.pdf)

**ULTRASONIC FILTRATION & FILTER CLEANING INLINE:**

[http://www.mastersonic.com/documents/mmm\\_applications/liquids\\_processing/ultrasonic\\_filtration/filtering-&-inline-filter-cleaning.pdf](http://www.mastersonic.com/documents/mmm_applications/liquids_processing/ultrasonic_filtration/filtering-&-inline-filter-cleaning.pdf)

**MMM WIDEBAND ULTRASONIC CLEANING:**

[http://mastersonic.com/documents/mmm\\_applications/mmm\\_cleaning/mmm-cleaning-liquids-processing.pdf](http://mastersonic.com/documents/mmm_applications/mmm_cleaning/mmm-cleaning-liquids-processing.pdf)

[http://mastersonic.com/documents/mmm\\_applications/mmm\\_cleaning/mmm\\_cleaning\\_basics/mmm\\_cleaning.pdf](http://mastersonic.com/documents/mmm_applications/mmm_cleaning/mmm_cleaning_basics/mmm_cleaning.pdf)

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[http://mastersonic.com/documents/mmm\\_applications/mmm\\_cleaning/mmm\\_cleaning-products\\_overview.pdf](http://mastersonic.com/documents/mmm_applications/mmm_cleaning/mmm_cleaning-products_overview.pdf)

**ULTRASONIC METALLURGY, CASTING, EXTRUDING, DRAWING:**

[http://mastersonic.com/documents/mmm\\_applications/machining-drawing-extruding-cutting/drawing-machining-extrusion.pdf](http://mastersonic.com/documents/mmm_applications/machining-drawing-extruding-cutting/drawing-machining-extrusion.pdf)

**VERY HIGH INTENSITY SONICATORS: nano-particles, biodiesel, very high temperature liquids processing**

[http://www.mastersonics.com/documents/mmm\\_applications/liquids\\_processing/heavy-duty-high-intensity-sonicator.pdf](http://www.mastersonics.com/documents/mmm_applications/liquids_processing/heavy-duty-high-intensity-sonicator.pdf)

[http://mastersonic.com/documents/mmm\\_applications/liquids\\_processing/4-kw-sonicator.pdf](http://mastersonic.com/documents/mmm_applications/liquids_processing/4-kw-sonicator.pdf)

**MMM technology in ultrasonic treatment of high-tech parts, sensitive and complex metal parts, treating of biological implants, surgery...**

[http://mastersonic.com/documents/mmm\\_applications/different\\_mmm\\_applications/sensitive-parts-ultrasonic-treatment.pdf](http://mastersonic.com/documents/mmm_applications/different_mmm_applications/sensitive-parts-ultrasonic-treatment.pdf)

If it happens that you could not open some of the links (which are longer than 80 characters) they may be getting wrapped onto 2 or more lines in your contact's mail software - If so please copy the individual lines and paste them into the address bar on the browser. Other than that, the first thing to suggest would be to contact your IT support in case of doing something wrong or maybe there are any limitations in place about what you can access.

Please make the download and see the presentation here (web links):

[http://mastersonic.com/documents/mmm\\_applications/liquids\\_processing/tubular\\_clamp\\_on\\_reactors.pdf](http://mastersonic.com/documents/mmm_applications/liquids_processing/tubular_clamp_on_reactors.pdf)

And here: Directory of / documents/ mmm\_applications/ Stress-Relief

[http://www.mastersonics.com/documents/mmm\\_applications/Stress-Relief/](http://www.mastersonics.com/documents/mmm_applications/Stress-Relief/)



[mmm ultrasonic stress relief.mp4](#) 230 Mb 10 Oct 2016



[mmm ultrasonic stress relief.zip](#) 219.6 Mb 10 Oct 2016

Each of the above listed applications and trends could be developed on a large industrial and profitable scale. MPI-ULTRASONICS can assist and contribute in any of mentioned applications.

**Vibrations, oscillations, resonant states and united theory of macro and microcosmic matter-waves phenomenology is here (e-book for download):**

[http://mastersonics.com/documents/revision\\_of\\_the\\_particle-wave\\_dualism.pdf](http://mastersonics.com/documents/revision_of_the_particle-wave_dualism.pdf)

[www.UltrasonicsWorldGroup.com](http://www.UltrasonicsWorldGroup.com)

[www.mpi-ultrasonics.com](http://www.mpi-ultrasonics.com)

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