



ULTRASONIC DRILLING MACHINE

MODEL USD-300C, USD-300CS

These USD series are souped-up ultrasonic drilling machine that used for gemstones, glass, ceramics and others with abrasives.



USD-300C



USD-300CS



Various varieties of horns



Horn with screw clamp



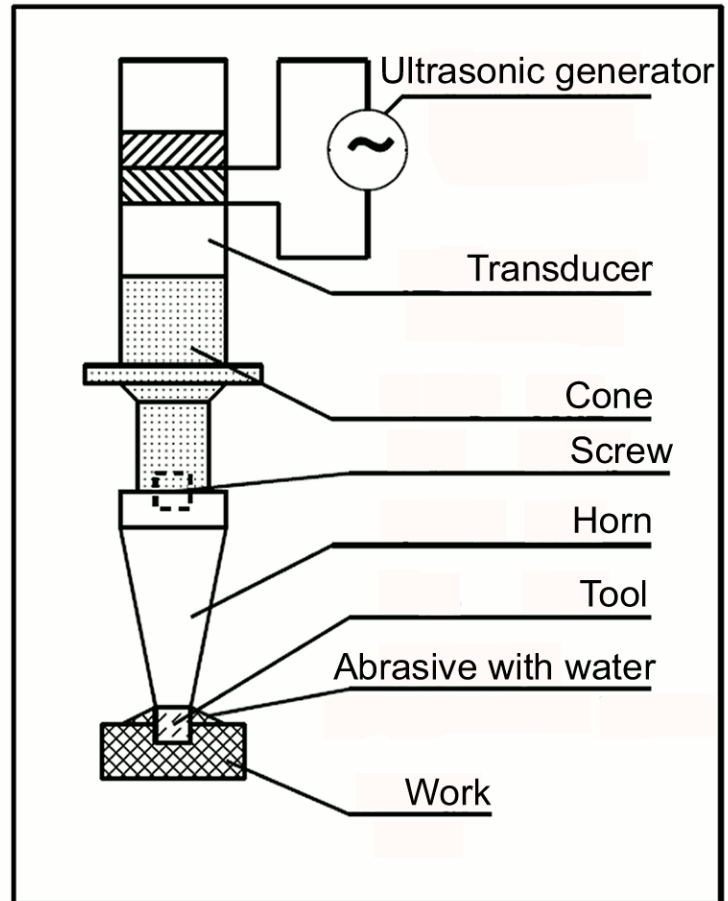
Processed works

Operating principle

The electric current produced from its generator is converted by ultrasonic transducer into machine vibration. Moreover, the amplitude get expanded through horn and end up crushing the work using some abrasives to make a hole or to grave or to cut it.

Feature

- Easy handling
- Tool without rotation is safer that drilling and process the same shape of its tool.
- The material of the tool is normal metallic materials like stainless steel, soft steel and spring steel and so on.
- The vibration system of USD-300C automatically comes down, but the one of USD-300CS manually.



SPECIFICATIONS OF MACHINE

	USD-300C	USD-300CS
Machine size (width x depth x height)	570W x 600D x 750H mm	400W x 430D x 760H mm
Net weight	Approx.57Kg	Approx.17Kg

SPECIFICATIONS OF ULTRASONIC GENERATOR

Maximum output power	300W
Nominal cscillation frequency	19.5kHz
Power supply voltage	1 phase, 100V, 50/60Hz
Electrical current	6A
Machine size (width x depth x height)	200 x 450 x 310 mm
Net weight	Approx.12.5 Kg

Specification subject to change without notice. 14.5

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