



DIGITAL **TAP REMOVER+**

Broken Tap Remover Electric Discharge Machine.

- **Unbeatable for removing broken taps and drill bits!**
- **New computerized power supply unit with touch-sensor panell!**
- **Twice the speed of previous models!**



POWER SOURCE

Power supply unit equipped with handle for portability.



TAP WATER

Use ordinary tap water as the dielectric fluid.



BRASS ROD

Use any brass rod as an electrode.



LARGE WORK

Adapts easily to even large workpieces.



NO DAMAGE

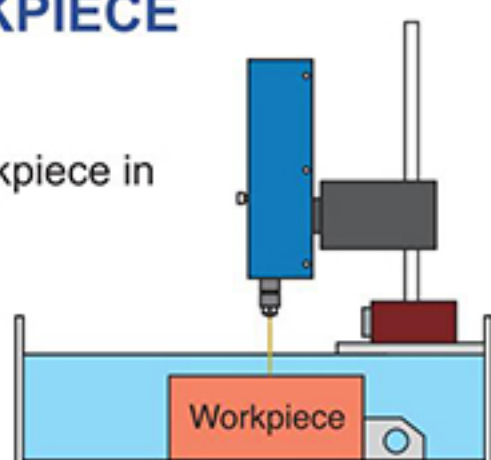
Remove taps without damaging the threads.



DIGITAL
Light weight 4kg

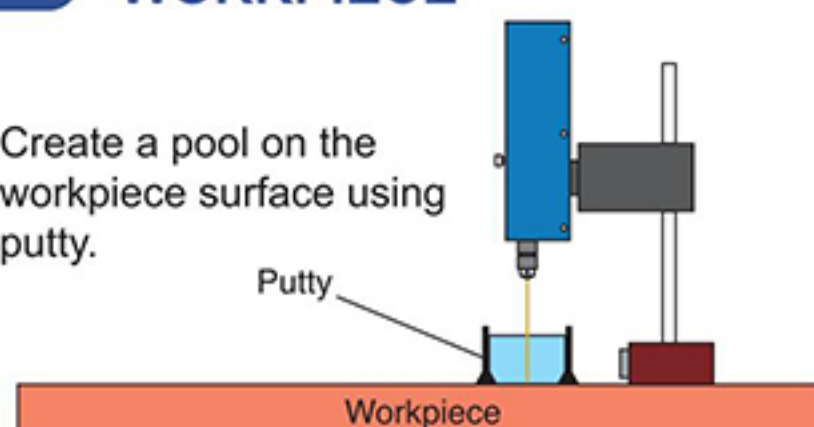
A SMALL WORKPIECE

Submerge workpiece in work tank.



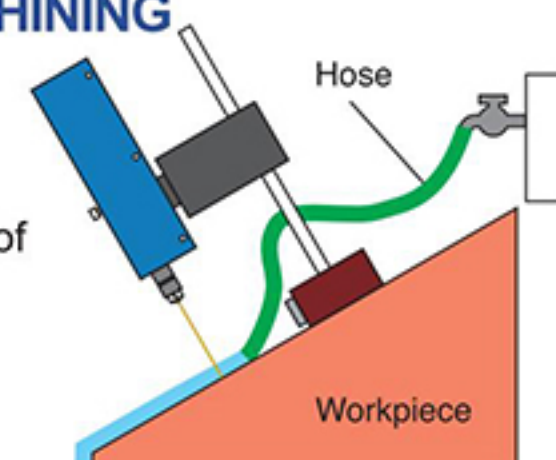
B LARGE WORKPIECE

Create a pool on the workpiece surface using putty.



C NON-VERTICAL MACHINING

Supply a flow of water while machining.



1 FEATURES

- Removes taps of any size, approx. M3-20
- Suitable for use with workpieces of any conductive material. (aluminum, brass, copper, cast iron, stainless steel, special steel, etc.)
- Automatically stops at a specified machining depth, pulls out and sounds a buzzer when machining is complete.
- Overlord alarm function prevents damage to the EDM head by automatically stopping the head's downward motion upon meeting a specified resistance.
- Short timer function stops machining automatically when there is a short of specified 3, 7, or 10 seconds duration.
- Rotating EDM head. see fig.1

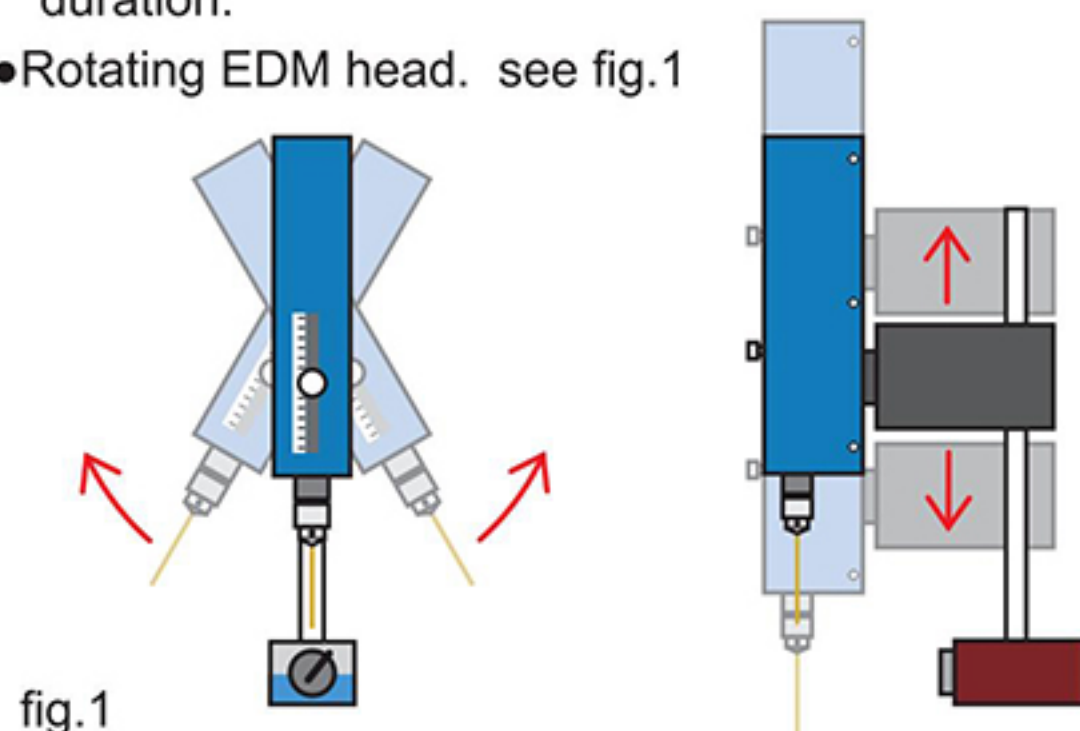
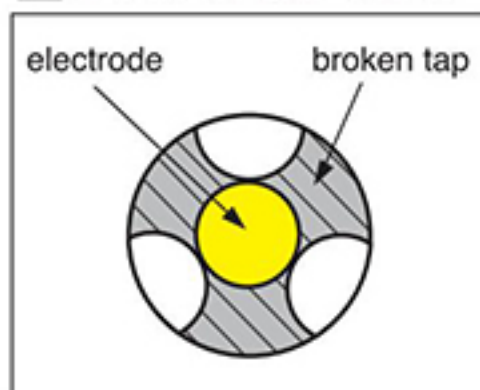


fig.1

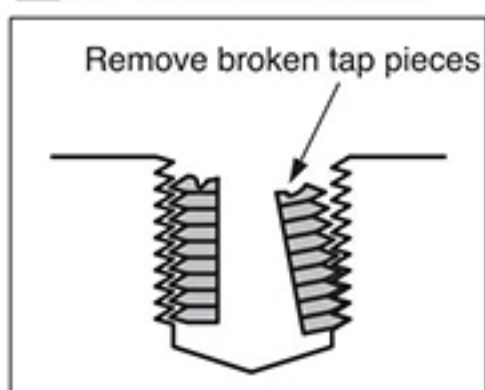
2 How TAP REMOVER

How TAP REMOVER gets taps out of your way (spiral taps too!)

Overhead view



Cross section



- To remove a broken tap end that is stuck in a hole, make a hole in its center using an electrode of one-half the diameter of the tap.
- Removing the tap in pieces leaves the threads intact.

3 OTHER APPLICATIONS

- Pre-hole drilling of workpiece for wire cut
- Cutting for Tungsten carbide workpiece

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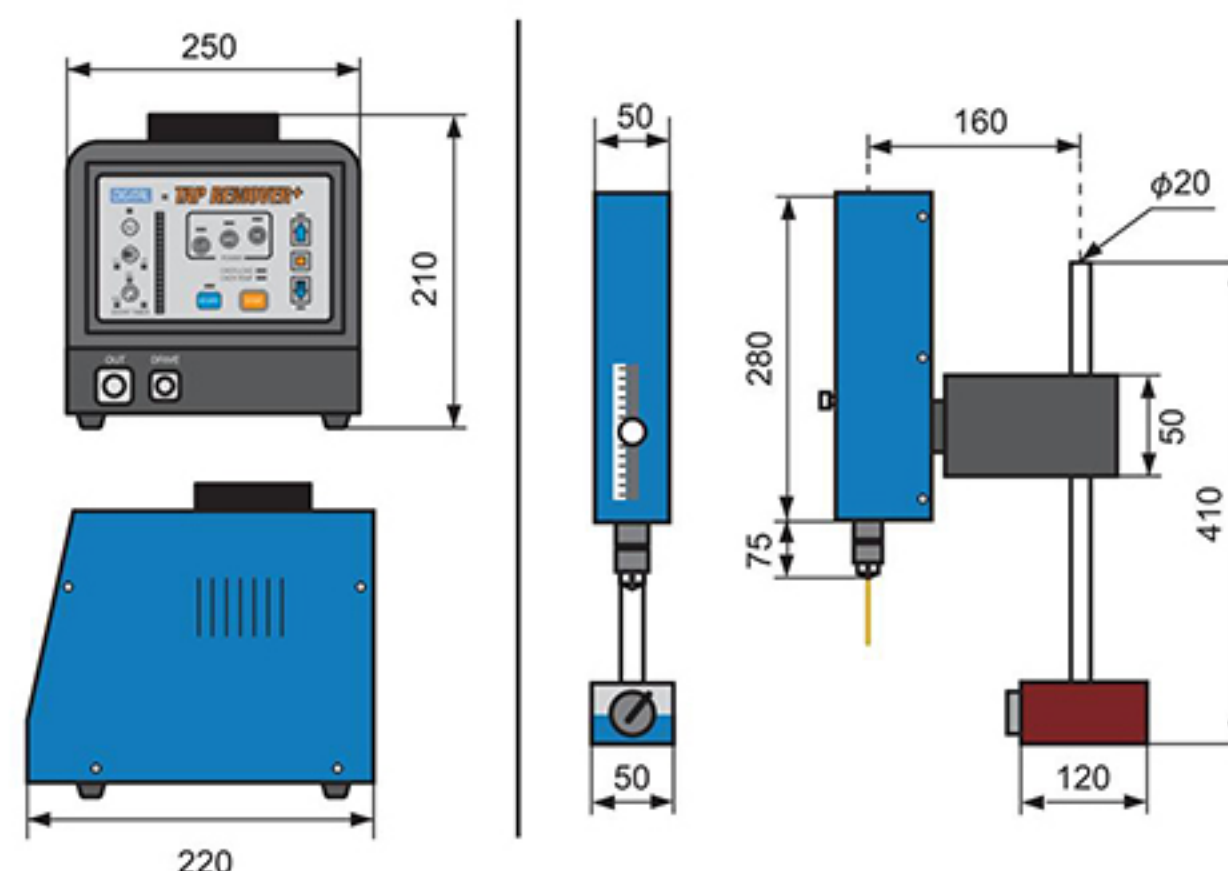
URL : www.kansei.co.th

4 MACHINING SPEED

Examples

Tap size	Machining depth	Time Required	Electrode Diameter
M 6	10mm	5min	φ3
M 10	10mm	12min	φ5

5 DIMENSIONS AND SPECIFICATIONS



Power Supply Unit	
Weight	4Kg
Dimensions	250×220×210

EDM Head	
Weight	6Kg including magnet stand
Dimensions	50×250×410
Z-axis stroke	100mm
Electrode holder(chuck)	MAX φ6.5

6 STANDARD FIXTURES

Standard

Power Supply Unit

EDM Head

Magnet Stand

Special putty

Electrodes(brass rod)

2 rods each : φ1.0 • φ1.5 • φ2.0 • φ2.5 • φ3.0

1 rods each : φ4.0 • φ5.0 • φ6.0

Power Requirement

AC85-240V SINGLE FASE

<http://www.jmsltd.co.jp>

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