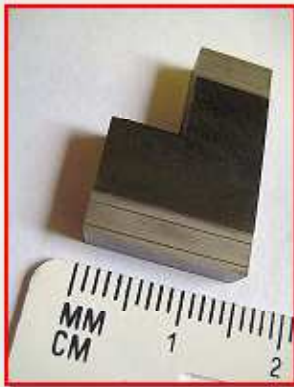


THE BEST MICRO EROSION
TECHNOLOGY
SINCE 1993
SARIX
3D Micro EDM Milling

MICRO EDM DRILLING INNOVATION

Micro Deep Hole Drilling

SX-MDH Drilling device



SX-MDH patented

INNOVATION

SARIX has achieved a further breakthrough in the high precision micro EDM deep hole drilling. With the combination of a new MPS Generator Technology and an advanced mechanical solution the MDH device can drill holes of 100 microns with stringent tolerances in up to 15 mm on tungsten carbide.

TECHNOLOGY

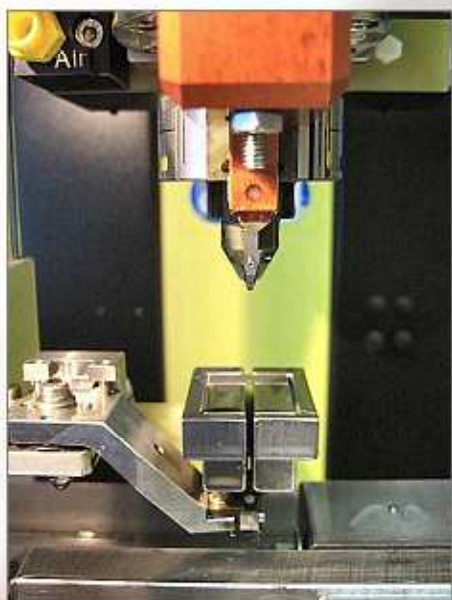
The Micro Deep Hole Drilling device is based on a worldwide patented process using a magnetic fields to improve the erosion. The astonishing results are obtained with the combination of a "play free" multi-diameter guide and tungsten carbide electrodes and tubes from 0.10 mm in step of 0.01 mm.

FACTS

- Hole diameter range from 100 to 150 microns
- Hole depth/diameter ratio upto 150
- Hole straightness and deviation below 5 microns
- Perfect electrode guiding for a maximal precision



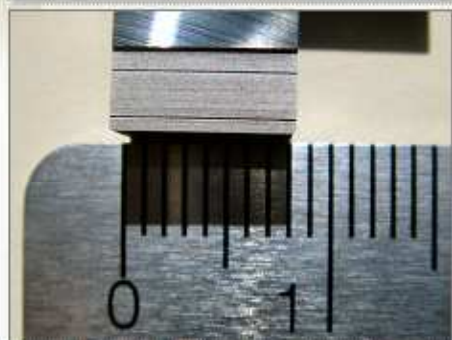
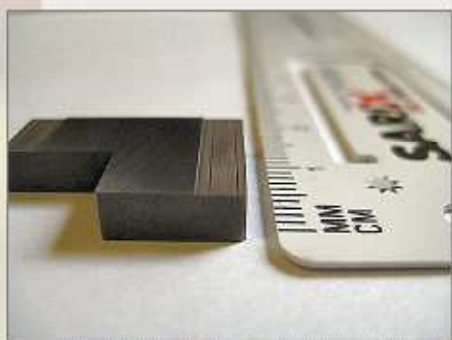
This device is available on the SX machine and on the **MACH**line



TECHNICAL SPECIFICATIONS

Micro Deep Hole Drilling SX-MDH Drilling device *patented*

- Hole diameter range from 100 to 150 microns
- Hole depth ratio from 100 to 150 times
- Hole straightness and deviation below 5 microns
- Perfect electrode guiding for a maximal precision



Machine requirements

- SX-100, SX-200 or **MACH**line machine with SX-MPS or MFPS generator
- Dielectric Oil unit with 70 bar high pressure flushing pump
- SX-A320 / SX-340 series and SX-ROT with or without C function
- SPO2, SPO6, SPO8 and **NEW** SP-MDC as Multi-diameter collet
- Electrodes SE01 and tube electrodes SE03

Our specifications are subject to any change,
Giving you a continuous technological advantage

SX-MDH-EN-09-09

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