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YOUGAR M&T INC



# Small-Hole EDM Drilling Machine

## ***YGS-43Z*** ***Manual Type*** ***with Industrial Tablet PC***





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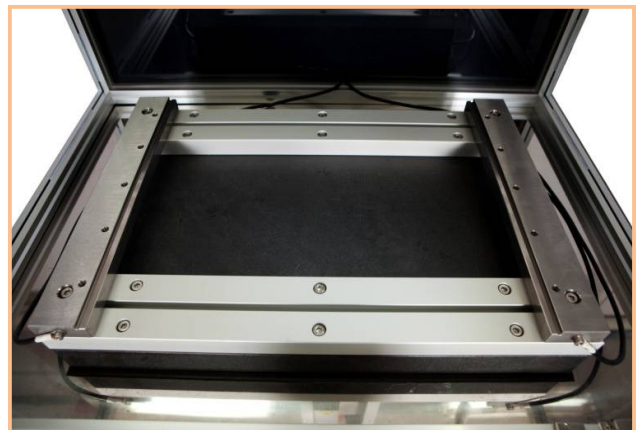


### *The Controller with New Appearance & Features Upgraded!*

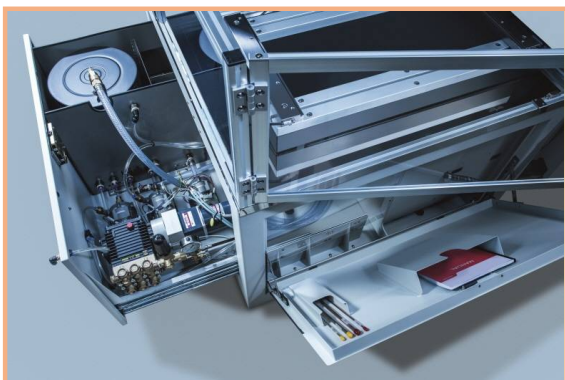
- **Industrial Windows PC Adopted**  
⇒ User Friendly & 10.4" Display
- **IP Slope Function**  
⇒ Smooth Surface of work piece by **Soft Start**
- **Values of Ion** appeared on screen
- **Remote Access Service by On-Line**  
⇒ Swift Maintenance Service & Software Update through "**TeamViewer**" by our engineer

### *Work Table*

- **Granite Work Table**  
⇒ Stable base  
⇒ Maximize Precision  
⇒ No Corrosion Issue  
⇒ Excellent Electrical Isolator
- **Stainless & Aluminum Rail System**  
⇒ Eliminates the need for expensive fixturing(JIG)



### *Compact Design!*



- **Filtration Tank with Resin(DI) Placed Inside**  
⇒ Minimizes shop floor footprint  
⇒ Eliminates need to purchase additional filtration units
- **Dual-Side Cabinet Design**  
⇒ Internal plumbing completely separated from electrical components for Safety  
⇒ Enough Extra Storage for Manual Book & Electrode tubes



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**Machine Features:**

Stepper Motor	Excellent Stability and High Precision Drilling
TM screw	High speed Processing & Precise Working
Linear sales	For X & Y axis
LM Guides in all 4 axis (X, Y, Z, W)	Heavy Weight Handling & Extending Machine's Life Span
Granite Work Table	Solid Granite Work Table for Stable Drilling Process & Electrical Isolator
Rail JIG System	Rail Jig System specially equipped enables Easy Handling of Work Pieces! (made of Stainless and Aluminum)
Internal Water Tank	Brilliant Choice for small Space & Clean and Compact Appearance
Waste Water Filtering System	Offering optimal Water Condition for Precise and Stable Drilling Result
Resin Exchange System	Resin Exchange System with Ion Quality Check Sensor keeps the Water in Optimal Condition for Drilling
Tablet PC Controller	User Friendly Industrial Windows PC
E-pack	Electrode cutting data storage
Network Connected	Providing Easy and Swift OnLine Service such as Software Update & Maintenance Service
Work lamp	LED work lamp

**Basic Package Tool Box:**

- Tool Box
- Neuron Bearing & Rubber O-Ring
- 2 Ceramic Guides & 2 Packs of 20 Electrodes (Brass & Copper)
- 1 pcs of Electrode Holder
- 2 pcs of Standard Filter
- Operating & Maintenance Manual Book



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**Specification:**

Work table size (mm)	910(width) x 650 (Depth)
X/Y/Z/W travel (mm)	400 x 300 x 400 x 345
Range of Electrode Diameter	φ 0.1-3.0 mm
MAX. Length of Electrode	400 mm
MAX. Height of Work Piece	350 mm
MAX. Weight of Work Piece	200 kg
Machine Net Weight	700 kg
Power Supply	Single phase 220V & 50/60HZ
Display	10.4" Windows Display
Machine Dimension(mm)	914 x 1030 x 2,200
Installation Dimension(mm)	2,115 x 2,030 x 2,450

*\* Due to continuous Research and Development,  
all specifications and design characteristics are subject to be changed  
without a prior notice!*