

# GE SERIES Wire Cut EDM

The best solution of CNC wire EDM technology



**GE-43F**

~~\$60,700~~

**\$51,500**

Limited Time Pricing\*



**GE-43S**

~~\$65,000~~

**\$55,000**

Limited Time Pricing\*

## MACHINE SPECIFICATIONS

ITEM / MODEL	Flushing Type	Submerged Type
Max. Workpiece Size L x W x H (mm)	GE-43F 830x630x215	GE-43S 830x600x215
Max. Workpiece Weight (Kg)	500	400
X/Y Stroke (mm)	400x300	400x300
U/V Stroke (mm)	60	60
Z Stroke (mm)	220	220
Max. Submerged Water Level (mm)	-	195
Wire Spool Weight (Kg)	10	10
Footprint W x D x H (mm)	2200x2200x1990	2200x2400x1990
Water System Capacity (L)	412	708
Machine Might (Kg)	2550	2770



## STANDARD SPECIFICATIONS

Wire Dia. Applied	0.15 ~0.33mm
Transmission	5 axes AC servo transmission
Max. Cutting Taper	± 15°(H=80mm)
Water Resistance	AUTO 5~ 200 K Ω -cm
Water Temperature	AUTO Control ± 1°C

## STANDARD ACCESSORIES

- Upper / Lower Flushing Nozzle
- Brass Wire
- Ion Resin Tank
- Ion Exchange Resin
- Waste Wire Bin
- Diamond Guide
- Conductor Plate
- Filter
- Vertical Alignment Jig
- Water Chiller

## CONTROL SPECIFICATIONS

Controller System	Windows CE
Control Device	64-bit Industrial PC
Memory Device	1GB CF Card
Screen Display Device	15" Color TFT
Data Input	Keyboard, Mouse Pointer, RS-232, USB, Ethernet
No. of Control Axes	5 Axes / 6 Axes (Option on W Axis)
Simultaneous Axes	4 Axes / 5 Axes (Option on W Axis)
Min. Command Unit	0.0001 mm
Max. Command Range	99999.9999 mm
Command Type	mm / Inch
Cutting Data Memory	99999 Sets
Ignition Power Supply	32 Steps, 53V~138V
On Time	24 Steps
Off Time	43 Steps
Discharge Mode	Rough Cut / Skim Cut / Fine Cut



# GE SERIES



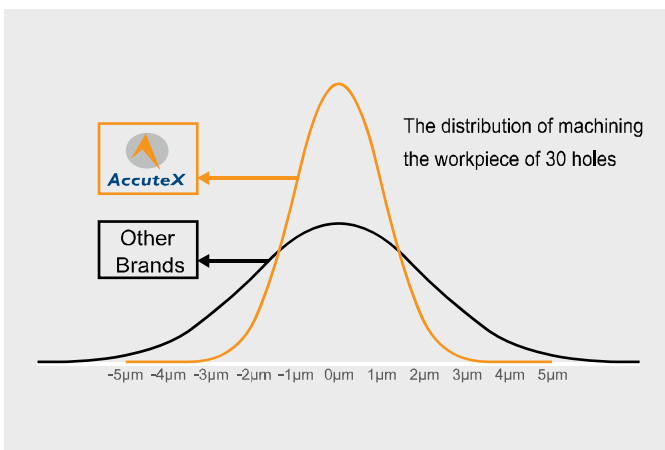
## HIGH COST - PERFORMANCE RATIO MODEL

AccuteX provides arrays of CNC general wire cutting EDM for our valued customers. Our GE series wire cutting edm machines are all with best cost and performance ratio and the cutting speed is much superior to other competitors.

We persist every detail in the processing procedure. Moreover, they come in high quality and user-friendly. AccuteX is your reliable friend for EDM. Welcome to select our products and contact us for more details.

- Best cost & performance ratio machine
- Cutting speed is superior to other competitors
- SD MASTER (Standard) which raises machining repeatability
- Suitable for punch & die cutting

## SD MASTER, STABLE DISCHARGE BOARD

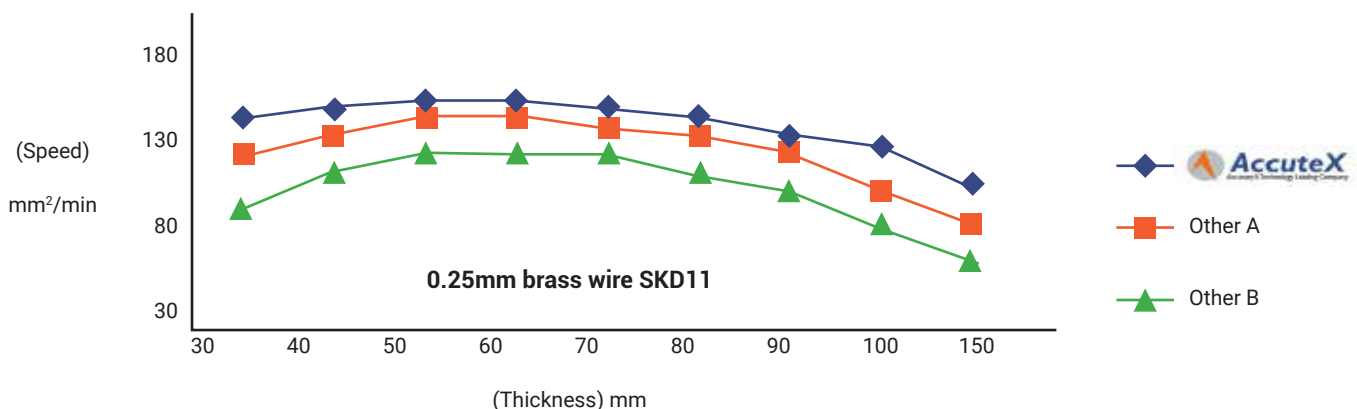


High repeatability in accuracy by applying the same cutting data on different machines the consistence enhances the workpiece quality and simplify management procedure.

High speed cutting by SD-Master in stable discharge power which stabilize the cutting process, especially under high-speed mode. Sample Cutting by thirty 3mm holes continuously, 95.45% of all workpieces accuracy are within 3μm.

Cutting conditions was made by SKD-11 with 30mm thickness by 0.2mm brass wire with 4 cuts under good temperature and environment control.

## CUTTING EFFICIENCY COMPARISON



- AccuteX R&D team simplifies the generator and electric circuit to eliminate unnecessary power loss and enhance the cutting efficiency.

- The cutting efficiency compared with other brands under different workpieces thickness.

# GE SERIES

## OPTIONAL FEATURES



### AWT, Highest Threading Reliability

**AC servo tension wheel**  
'AC servo tension wheel', tension control during cutting, featuring reverse tension while wire breaks. 'Wire End Needle-Shaping, while the wire is cut off by electricity, the reverse tension and annealing heat treatment are applied to strengthening the wire at the same time. 'Waste Wire Auto Removing Device', by air blow system to remove waste wire to the collection cabinet, quick and easily.

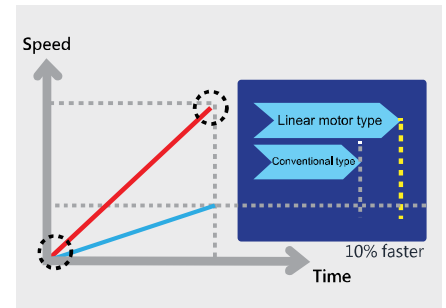
**Special Price \$7,145**



### Accutex Submerged Type 6th Axis Rotary Table

Accutex 6th Axis Rotary Table is leading ahead of other WEDM manufacturers by years in R&D Which can be applied to submerged operation. The Built-in Type Motorized Spindle features ultra-high resolution 720,000 pulses each revolution, free of backlash problems. The water isolation class is IP68, the Accutex Rotary Table may totally submerged in the water and will still maintain high performance and high accuracy.

**\*PRICE ON REQUEST**



### Linear Motor

New generation shaft-type linear motor is self-developed by AccuteX. It features with closed-loop control by 0.2μm resolution linear scale and backlash free to keep accuracy. Rapid servo response can improve cutting efficiency up to 10%, AccuteX linear motor has excellent lower power consumption to keep constant working temperature.

**Special Price \$6,450**

#### Other Options:

- Z Axis Anti-collision
- Drop Down tank available in GA series



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