

AU SERIES Achievement of a decade

The First Name in CNC Wire Cut EDM

AU-300i

~~\$70,995~~

\$59,995

Limited Time Pricing*

AU-600i

~~\$84,995~~

\$71,995

Limited Time Pricing*

AU-750i

~~\$95,995~~

\$81,995

Limited Time Pricing*

MACHINE SPECIFICATIONS

ITEM / MODEL	AU-300i (A)	AU-600i (A)	AU-750i (A)
Max. Workpiece Size (L x W x H)	765 x 535 x 215	990 x 620 x 295	1190 x 720 x 295
Max. Workpiece Weight (Kg)	400	600	800
X/Y Stroke (mm)	350 x 250	600 x 400	750 x 500
U/V Stroke (mm)	80 x 80	100 x 100	100 x 100
Z Stroke (mm)	220	220	-
Max. Submerged Water Level (mm)	220	270	300
Wire Spool Weight (Kg)	10	10	10
Footprint (W x D x H) (mm)	2750x2560x2120	2950x2560x2210	3260x3210x2300
Water System Capacity (L)	850	850	1240
Machine Weight (Kg)	3000	3700	4300

STANDARD SPECIFICATIONS

Wire Dia. Applied	0.15 ~0.33 mm (0.10 Optional)
Simultaneous Axis	XYUV 4 Axes / Optional on W axis
Transmission	5 axes AC servo transmission
Max. Cutting Taper	± 21°(Wide angle Nozzle / H=100, H=80 for AU-3i/300i)
Water Resistance	AUTO 5~ 200 K Ω -cm
Water Temperature	AUTO Control ± 1°C

STANDARD ACCESSORIES

- Upper / Lower Flushing Nozzle
- Diamond Guide
- Conductor Plate
- Diamond Guide Remove Jig
- Brass Wire
- Tool Box
- Waste Wire Bin
- Ion Resin Tank
- Ion Exchange Resin
- Paper 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 Touch Screen
Data Input	Keyboard, RS-232, USB, Ethernet, FTP
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	+9999.9999 mm
Command Type	mm / inch
Cutting Data Memory	99999 Sets
Ignition Power Supply	32 Steps, 53V-138V
Max. Cutting Speed	250 mm ² /min
On Time	24 Steps
Off Time	43 Steps
Discharge Mode	Rough Cut / Skim Cut / Fine Cut



Jumbo Wire Feeder

AU SERIES



100% IN- HOUSE DEVELOPED ACCUTEX CONTROLLER

AccuteX's Core competitive power is the in-house developed AccuteX controller; this controller sets us apart from the rest of the machine tool industry that rely on using controller from Europe and Japan.

The AccuteX R&D team has fully mastered the controller's key technologies, which allows us to provide best service and support to world wide customers.

T-BASE DESIGN

Complex High-Rigidity Structure

C-Frame construction was designed via Finite Element Analysis (FEA) along with multi-ribbed structure features high rigidity, large table load, and low mechanical deformation.

T-Base Design

All AccuteX AU Series models are designed with T-Base construction. The longer X-Axis is located on the base, the shorter Y-Axis is located on top of X-Axis. Wherever the work table moves, it is fully supported by the construction without overhang phenomenon.



MOVING COLUMN DESIGN

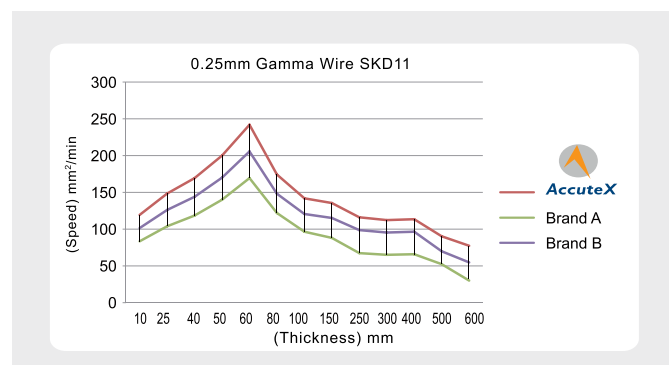
Table size and base supporting area features 1:1 ratio, suitable for extra large working piece jobs, maximum loading capacity is up to **5 Tones**.

HIGH Z AXIS STROKE

Standard Z axis travel is 400 mm; **600 mm** is optional; workpiece can be submerged in water completely, ensuring high sparking quality.

CUTTING EFFICIENCY COMPARISON

- AccuteX R&D learn 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 is as shown aside.



AU SERIES

OPTIONAL FEATURES



AWT, Highest Threading Reliability

AC Servo Tension Wheel

Tension control during cutting, Featured REVERSE TENSION when Wire breaks. 'AC servo Tension Wheel'. Taiwan Patent No. I257887.

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 Removal

Air blow system to removes waste wire to the collection cabinet. quick and easily. 'Waste wire Auto Removing Device*. Taiwan Patent No. 210295. China Patent No.03261258.3

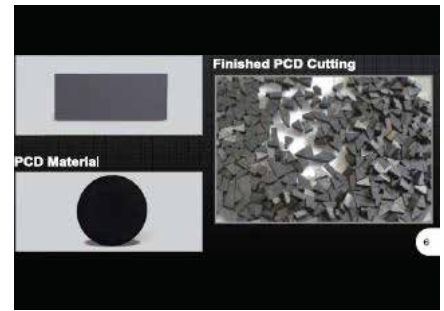
Special Price \$7,145



Six Axis Operation (Medical - Class performance)

6 Axes (X/Y/U/V/Z/W) control.
5 Axes simultaneous interpolation.
Applicable with flushing or submerged operation subject to the suitable rotary table applied. Suitable for production of Medical Equipment and Aerospace Components. Rotary table features Japan-made built-in motor, 720.000 pulses resolution, top class IP68 isolation level.

***PRICE ON REQUEST**



PCD Cutting & Graphite machining power supply

The exclusive ignition circuit and stabilized discharging power supply which are the most suitable design for PCD and graphite cutting, also with quality assurance even for a long time machining. The collapse of Workpiece edge by wire cut can be controlled within minimum range along with high speed machining.
- AccuteX Wire Cut EOM can do 5 axes simultaneous interpolation, also the W axis (6th Axis rotary table) can be installed while doing complex PCD cutting tools. By applying 6th Axis rotary table, any rotating workplace can be cut.

Special Price \$4,300



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