

# AP3L



## Premium High End EDM Machine

- 10 year warranty on positioning accuracy
- Linear Motor (X/Y/Z axis)
- Absolute Linear scale (X/Y/Z axis)
- Ceramic components
- Double column structure
- Aero harmonic system
- Linear motor cooling unit
- Dielectric fluid cooling unit
- SVC circuit
- "SGF2" Nano-Wear Discharge Unit
- Improved Ease of Operation
- NC operation panel
- Remote controller
- LN Professional software for optimum condition search
- Intelligent Q<sup>3</sup>vic EDM
- Automatic front work tank door
- Clamping chuck
- LAN interface
- USB port
- Totalising hour meter
- Work light

### Technical Specifications

X/Y/Z axis travel (mm)	300 x 250 x 250
Ceramic table dimensions (mm)	500 x 350
Worktank dimensions (mm)	760 x 538 x 260
Dielectric level (min ~ max, mm)	80 ~ 210
Max. workpiece weight (kg)	200
Max. electrode weight (kg)	5
Distance from floor to table top (mm)	915
Machine tool dimensions (W x D x H mm, Incl. power supply and dielectric tank)	1555 x 1945 x 1990
Step resolution (mm)	0.0001
Machine weight (kg)	4000
Controlled axis	4
Air pressure (Automatic Clamping chuck, MPa)	0.65

### Dielectric Tank

External dimensions (W x D x H, mm)	1280 x 480 x 980
Weight (empty, kg)	-
Dielectric fluid	Oil
Capacity (l)	150
Filtration method	Replaceable paper filter (MF-1530P)

### C Axis (optional)

Resolution	0.001°
Rotational speed (min ~ max rpm, continuous)	1 ~ 2,000

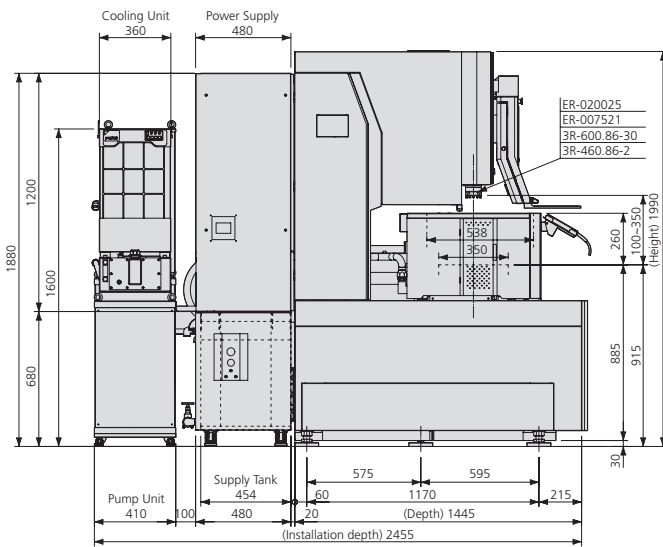
### Options

Oscilloscope	Custom colour
Active Power Restart (UPS)	24/ 48- position Automatic tool changer (ATC)
High Precision Rotary Head, C axis	6/8- axis simultaneous

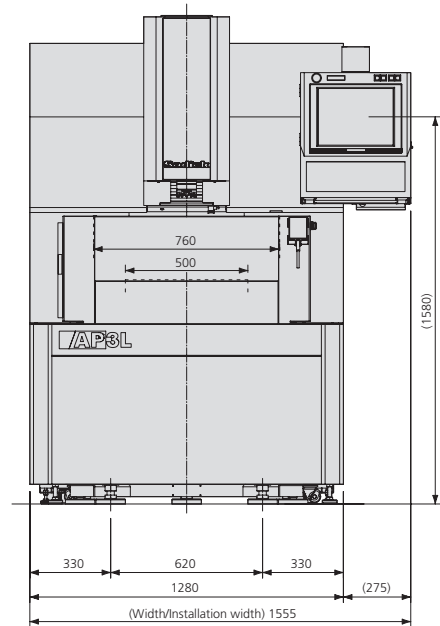
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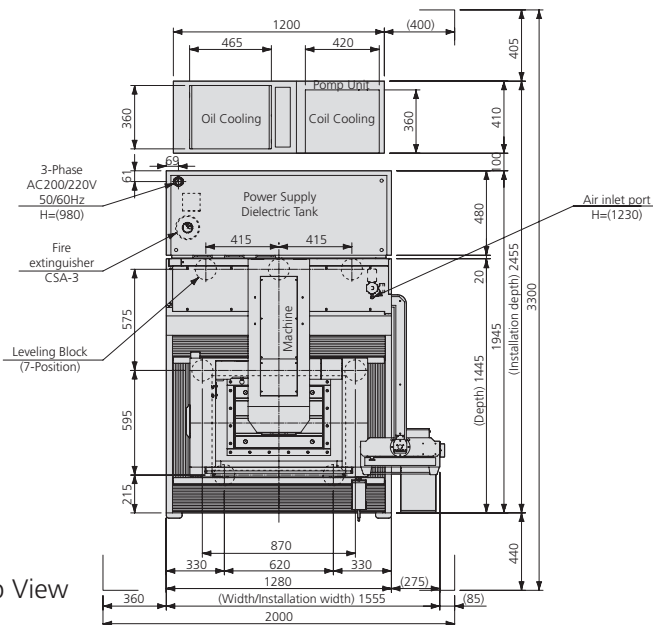
Side View



Front View



Top View



· All CE spec machines have external transformer with dimension of ca. 650 x 460 x 540mm



create your future

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