



APEX SINCE 1978



# MINI-EDM

## Model PVD-150



· 由於不斷的研究與發展，本公司保有修改規格及不另行通知的權力。

· Due to continuous improvement and development, specifications are subject to change without prior notice.



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IATF 16949 全球汽車產業品質管理系統認證通過  
ISO 14001 國際環境管理系統認證通過  
ISO 9001 國際品質管理系統認證通過

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Machine Unit		PVD-150
Work tank (W x D x H)	mm	300x240x190
Work table	mm	180x100
Table travel (X x Y)	mm	150x100
Electrode stroke (Z)	mm	170
Electrode platen to work table	mm	50–220
Max. electrode weight	kgs	1
Max. work piece weight	kgs	20
External dimensions (W x D x H)	mm	780x600x1,500
Packing dimensions (W x D x H)	mm	1,050x750x1,750
Net weight	kgs	230
Capacity of Filtering Tank	ℓ	55
Filter Paper / Pump motor	pcs	1/1
Dimensions (W x D x H)	mm	530x360x300
Packing Dimensions (W x D x H)	mm	Together with machine unit.
Filter Tank Net weight	kg	40

Power Supply Unit		10A
Norminal current	A	10
Total power input	KVA	1.5
Max. material removal rate	mm <sup>3</sup> /min	60
Electrode wear rate	%	0.3
Best surface roughness	μmRa	0.3
External dimensions(W x D x H)	mm	Built in Within Machine
Net Weight	kgs	30

\* Specification are Subject to change without Notice.

#### ◆ The Features of Mini EDM :

1. Highly Rigid, Fine-Grained Cast iron Machine Base, Column, Table, And "Meehanite" Cast iron Components, Provide for Stability & Long Service Life.
2. Compact Design for Machine Unit & Power Supply Unit. Saving 60% of Floor Space. Plus Simple Manual Knob Operation.
3. Microprocessor Control System for Safety Devices : For Flame Detection & Fired Extinguisher, Dielectric Temperature & Level Sensor Detection, Electrode Crash Prevention, Edge & Center Finding function.
4. AC Servo Motor with Single Step Encoder for Z-Axis Depth Setting, Digital Flushing Control for Higher Cutting Speed & Chips Removal.

#### ◆ Standard Accessories.

1. Multi Functions 3-Axes DRO., XY Axes Linear Scales, Z-Axis Encoder.
2. 1 set Permanent Magnetic Chuck.
3. 1 set Tools & Tool Box.
4. 1 set Paper Filter & Filtering Tank.
5. 1 set Electrode Chuck.
6. 1 piece Work Lamp.

#### ◆ Optional Accessories.

1. 1 set ER Collet.

