

- B-21, Bhan Nagar, Queens Road, Jaipur-302021
- Website: [www.aumshivay.com](http://www.aumshivay.com), [www.omengineering.in](http://www.omengineering.in)
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## Portable Drying Oven



**Portable Electrode Drying Ovens;** These ovens are designed to protect electrodes from atmospheric moisture which is readily picked up by the hygroscopic coating in low hydrogen electrodes. It can be used at the higher temperature and then brought down for regular storage. Portable ovens are light and easy to carry and the square shape gives the ovens greater stability vertically or horizontally. It is used to preheat the electrode after opening it from box. Like low hydrogen electrode it required 250-300 Deg C Temperature and heating time may vary from electrode to electrode, power input through welding machine. These are available in such many types;

We Offers these Electrode Drying Ovens are constructed with rugged Steel Construction, and are light in weight. These are available in Single Shelve Circular/ Cylindrical shape and their square shape gives the ovens greater stability vertically or horizontally. It provides continuous heat for 100% protection of electrodes. These are available in different types such as;

### A. PORTABLE ELECTRODE DRYING OVEN (AEPL: 200)

Model	MODEL - AEPL: 200
Overall Size (mm)	690 x 190 x 150 (H x W x D)
Working Space (mm)	62 x 432 (Dia. x Depth)
Capacity (approx)	2 Kg. (4.4 lbs)
Temperature Range	Ambient - 200°C (392°F)
Input Power	165 Watts
Input Current	0.7 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type Of Control	None
Equipment Weight (approx)	4 Kg.



#### Features:

- Temperature indication – By a Bi-Metallic Dial Thermometer.
- Input voltage - 24V AC, 60V AC or 110V AC.
- Convenient removal of hot electrodes - With an electrode puller.
- Rugged, steel construction.

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## B. PORTABLE ELECTRODE DRYING OVEN (AEPL:200 AC/DC)

Model	AEPL: 200 (AC/DC)
Overall Size (mm)	690 x 190 x 150 (H x W x D)
Working Space (mm)	62 x 432 (Dia. x Depth)
Capacity (approx)	2 Kg. (4.4 lbs)
Temperature Range	Ambient – 200°C (392°F)
Input Power	75 Watts
Input Current	1 Amps
Input Supply	80 Volts ( Used with welding machine "Output Terminal" and "Earth" )
Air Circulation	Natural convection
Type Of Control	None
Equipment Weight (approx)	4 Kg.



### Features:

- Used with welding machine "Output Terminal" and "Earth".
- Temperature indication – By a Bi-Metallic Dial Thermometer.
- Input voltage - 60V.
- Convenient removal of hot electrodes - With an electrode puller.
- Rugged, steel construction.

## C. PORTABLE ELECTRODE DRYING OVEN (AEPL:200 AC/DC) TSP

Model	AEPL: 200 (AC/DC) TSP
Overall Size (mm)	690 x 190 x 275 (H x W x D)
Working Space (mm)	62 x 432 (Dia. x Depth)
Capacity (approx)	2 Kg. (4.4 lbs)
Temperature Range	Ambient – 200°C (392°F)
Input Power	75 Watts
Input Current	1 Amps
Input Supply	80 Volts (Used with welding machine "Output Terminal" and "Earth" )
Air Circulation	Natural convection
Type Of Control	Thermostatic (Range:50°C-300°C)
Equipment Weight (approx)	4 Kg.



### Features:

- Used with welding machine "Output Terminal" and "Earth"
- Temperature indication – By a Bi-Metallic Dial Thermometer.
- Input voltage - 60V.
- Convenient removal of hot electrodes - With an electrode puller.
- Rugged, steel construction.

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## D. PORTABLE ELECTRODE DRYING OVEN (AEPL:200 ER)

Model	AEPL: 200 ER
Overall Size (mm)	690 x 190 x 275 (H x W x D)
Working Space (mm)	62 x 432 (Dia. x Depth)
Capacity (approx)	2 Kg. (4.4 lbs)
Temperature Range	Ambient - 200°C (392°F)
Input Power	165 Watts
Input Current	0.7 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type Of Control	Energy Regulator (Variable time delay control)
Equipment Weight (approx)	4.5 Kg.



### Features:

- Temperature indication – By a Bi-Metallic Dial Thermometer.
- Input voltage - 24V AC, 60V AC or 110V AC.
- Convenient removal of hot electrodes - With an electrode puller.
- Rugged, steel construction.

## E. PORTABLE ELECTRODE DRYING OVEN (AEPL:200 TSP)

Model	AEPL: 200 TSP
Overall Size (mm)	690 x 190 x 275 (H x W x D)
Working Space (mm)	62 x 432 (Dia. x Depth)
Capacity (approx)	2 Kg. (4.4 lbs)
Temperature Range	Ambient - 200°C (392°F)
Input Power	165 Watts
Input Current	0.7 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type Of Control	Thermostatic (Range: 50°C-300°C)
Equipment Weight (approx)	5 Kg.



### Features:

- Temperature indication – By a Bi-Metallic Dial Thermometer.
- Input voltage - 24V AC, 60V AC or 110V AC.
- Convenient removal of hot electrodes - With an electrode puller.
- Easily carried to the job – in the shop or field.
- Even, continuous heat for 100% protection of electrodes.
- Rugged, steel construction.

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## F. PORTABLE ELECTRODE DRYING OVEN (AEPL:200 BDT)

Model	AEPL: 200 BDT
Overall Size (mm)	690 x 190 x 275 (H x W x D)
Working Space (mm)	62 x 432 (Dia. x Depth)
Capacity (approx)	2 Kg. (4.4 lbs)
Temperature Range	Ambient – 200°C (392°F)
Input Power	165 Watts
Input Current	0.7 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type of Control	None
Temperature Indication	By a bi-metallic dial thermometer.
Equipment Weight (approx)	5 Kg.



### Features:

- Input voltage - 24V AC, 60V AC or 110V AC.
- Convenient removal of hot electrodes - With an electrode puller.
- Easily carried to the job – in the shop or field.
- Even, continuous heat for 100% protection of electrodes.
- Rugged, steel construction.

## G. PORTABLE ELECTRODE DRYING OVEN (AEPL:200 DTC)

Model	AEPL: 200 DTC
Overall Size (mm)	690 x 190 x 275 (H x W x D)
Working Space (mm)	62 x 432 (Dia. x Depth)
Capacity (approx)	2 Kg. (4.4 lbs)
Temperature Range	Ambient – 200°C (392°F)
Input Power	165 Watts
Input Current	0.7 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type of Control	Digital Indicating Temperature Controller
Equipment Weight (approx)	5 Kg.



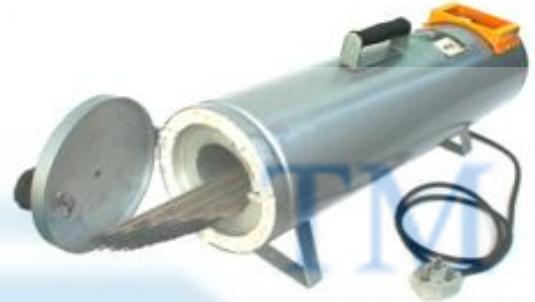
### Features:

- Convenient removal of hot electrodes - With an electrode puller.
- Easily carried to the job – in the shop or field.
- Even, continuous heat for 100% protection of electrodes.
- Rugged, steel construction.

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## H. PORTABLE ELECTRODE DRYING OVEN (AEPL:250 P)

Model	AEPL: 250 P
Overall Size (mm)	665 x 200 x 275 (H x W x D)
Working Space (mm)	80 x 445 (Dia. x Depth)
Capacity (approx)	4 Kg. (8.8 lbs)
Temperature Range	Ambient – 250°C (482°F)
Input Power	500 Watts
Input Current	2 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type of Control	Thermostatic (Range: 500 -3000C)
Equipment Weight (approx)	9 Kg.



### Features:

- Temperature control – By Digital Controller,
- Input voltage – Single : 24V AC, 60V AC or 110V AC.
- Input voltage – Dual : 110/220 V AC.
- Convenient removal of hot electrodes -With an electrode puller.
- Easily carried to the job – in the shop or field.
- Even, continuous heat for 100% protection of electrodes.
- Rugged, steel construction.

## I. PORTABLE ELECTRODE DRYING OVEN (AEPL:250 H)

Model	AEPL: 250 H
Overall Size (mm)	130 x 180 x 460 (H x W x D)
Capacity (approx)	8 Kg. (17 lbs.) of welding electrodes
No. of Shelves	Two
Temperature Range	Ambient – 250°C (482°F)
Input Power	1 kW
Input Current	4.5 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type of Control	Thermostatic (Range: 50°C-300°C)
Equipment Weight (Approx.)	17 Kg.



### Features:

- Temperature control – By Digital Controller.
- Convenient removal of hot electrodes -With an electrode puller.
- Easily carried to the job – in the shop or field.
- Even, continuous heat for 100% protection of electrodes.
- Rugged, steel construction.

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## J. PORTABLE ELECTRODE DRYING OVEN (AEPL:370 B)

Model	AEPL: 370 B
Overall Size (mm)	210 x 250 x 480 (H x W x D)
Capacity (approx)	18 Kg. (40 lbs.) of welding electrodes
No. of Shelves	Two
Temperature Range	Ambient - 370°C (6980F)
Input Power	2.25 kW
Input Current	9.7 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz
Air Circulation	Natural convection
Type of Control	Digital Controller (accuracy of $\pm 1\%$ FSD) with thermocouple sensor



### Features:

- 18 Kg Capacity, 370°C Oven with digital indicating temperature control.
- Convenient removal of hot electrodes -With an electrode puller.
- Easily carried to the job – in the shop or field.
- Even, continuous heat for 100% protection of electrodes.
- Rugged, steel construction.

## K. PORTABLE ELECTRODE DRYING OVEN (AEPL: 500 B)

Model	AEPL: 500 B
Overall Size (mm)	210 x 250 x 480 (H x W x D)
Capacity (approx)	18 Kg. (40 lbs.) of welding electrodes
No. of Shelves	Two
Temperature Range	Ambient - 500°C (932°F)
Input Power	3 kW
Input Current	13 Amps
Input Supply	230/240 V, Single phase AC, 50 Hz.
Air Circulation	Natural convection
Type of Control	Digital Controller (accuracy of $\pm 1\%$ FSD) with thermocouple sensor



### Features:

- Temperature control – By Digital Controller.
- 18 Kg Capacity, 500°C Oven. With digital indicating temperature control.
- Convenient removal of hot electrodes -With an electrode puller.
- Easily carried to the job – in the shop or field.
- Even, continuous heat for 100% protection of electrodes.
- Rugged, steel construction.