Idealarc[®] CV305, CV400-I

Processes MIG, Flux-Cored

Product Number

K2400-1 CV305 - 208/230/460/3/60 K2400-2 CV305 - 230/460/575/3/60 K2395-2 CV305/LF-72 Ready-Pak® K2402-1 CV400-I 220/380/440/3/50/60

See back for more specs

You won't find a more reliable power source.

This unit is the most compact unit in its class, yet it's loaded with convenient features! A digital meter, line voltage compensation and remote/local control are all standard.

FEATURES

- Two output connectors Allow you to connect to high or low inductance for optimal arc control. Use low inductance output connection when short-arc welding, and high inductance output connection with spray and globular transfer welding.
- Digital Ammeter/Voltmeter Display allows presets for added convenience and accuracy.
- Easy access Twist Mate[™] connection On the front of the machine.
- Quality & Reliability Environmentally protected transformer and power rectifier are rugged and reliable.
- Seven-year warranty on power rectifier.

APPLICATIONS

Metal Fabrication

Input Power

CV305: 208/230/460/3/60 230/460/575/3/60 CV400-I: 220/380/440/3/50/60

Input Current @ Rated Output 51/48/24A 48/24/20A

Rated Output 315/32.6V/100% Duty Cycle **Output Range** 50-400A

Weight/Dimensions (H x W x D) 300 lbs. (136 kg)

24.6 x 19.5 x 27.0 in. (625 x 495 x 686 mm)



WHAT'S INCLUDED

CV305/LF-72 Wire Feeder Ready-Pak® Package.

Order K2395-2

- CV305 Power Source (208/230/460/3/60)
- LF-72 Bench Model (Two Roll) Wire Feeder with standard wire reel stand, 10 ft. (3.0 m) control cable, and .035-.045 in. (0.9 - 1.1 mm) solid wire drive roll and guide tube kit.
- 15 ft. (4.5) Magnum[®] PRO 350 Gun and Cable Assembly with .035-.045 in. (0.9-1.1 mm) liner.
- Work [15 ft. (4.5 m)] and Wire Feeder [10 ft. (3.0 m)] Power Cables Package.
- Harris[®] Gas Regulator/Flowmeter and 10 ft. (3.0 m) Hose Kit.





Two Year Extended Warranty Available on CV305 in the U.S.A. and Canada

RECOMMENDED FEEDERS

- LF-72
- LF-74
- LN-25 PRO



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KEY CONTROLS

- 1. Positive Twist Mate™ output connector
- 2. Low inductance negative Twist Mate™ output connector
- 3. High inductance negative Twist Mate™ output connector
- 4. Voltmeter polarity switch
- 5. 14-pin MS-type wire feeder connector
- 6. Circuit breakers
- 7. "On/Off" power switch
- 8. Thermal trip indicator light
- 9. Digital Ammeter/Voltmeter display with switch
- 10. Output control knob
- 11. Remote/Local control switch



RECOMMENDED ACCESSORIES



GENERAL OPTIONS

Remote Output Control For remote output of welding voltage. Consists of control box with 25 or 100 ft. (7.6 or 30 m) of four conductor cable and 6 pin MS-type connector. Order K857 for 25 ft. (7.6 m) Order K857-1 for 100 ft. (30 m)



Remote Control Cable Adapter Y connection adapter for connecting K857 Remote Output Control (6 pin plug connection) and wire feeder input cable (14 pin plug connection) to power source 14 pin receptacle. Order K864





wire feeder. Order K484

Twist Mate[™] Cable Plug

Twist Mate[™] Cable Plug

For connecting welding cable to

output terminal receptacles. For

2/0 - 3/0 (70 - 95 mm²) cable.

Required to close the contactor in

the power source when the power

source is used with a remote ouput

contactor such as the contactor in the K449 LN-25, or K1870-1 LN-15

Order K852-70

Order K852-95

Jumper Plug Kit

For connecting welding cable to

output terminal receptacles. For

1/0 - 2/0 (50 - 70 mm²) cable.





Undercarriage Platform undercarriage with mounting for two gas cylinders at rear of welder. Order K874

Welding Fume Extractors Lincoln offers a wide variety of welding fume extraction environmental system solutions, ranging from portable systems easily wheeled around the shop to shop-wide central systems servicing many dedicated welding stations. Request Publication MC08-70

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D inches (mm)	Net Weight Ibs. (kg)
CV305	K2400-1	208/230/460/3/60	315/32.6V/100% - -	51/48/24A	50-400A	24.6 x 19.5 x 27.0 (625 x 495 x 686)	300 (136)
	K2400-2	230/460/575/3/60		48/24/20A			
CV400-I	K2402-1	220/380/440/3/50/60		60/35/30A		24.6 x 19.5 x 27.0 (625 x 495 x 686)	300 (136)
CV305/LF-72 Ready-Pak®	K2395-2	208/230/460/3/60		51/48/24A		47.7 x 25.5 x 33.0 (1212 x 648 x 838)	423 (192)

For best welding results with Lincoln Electric equipment,

always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details

CUSTOMER ASSISTANCE POLICY

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