



## 特點

### 高性能, 多功能焊接電源

- 領先業界的高電流與高占空比應用性能
- 大輸入電壓範圍全球適用(200-575 VAC, 3 相, 50/60Hz 電壓)
- 靈活配置可應用於半自動、硬體自動化及機械手臂應用
- Fan-As-Needed™ (F.A.N.) 技術於不必要時停止風扇以減少電源消耗

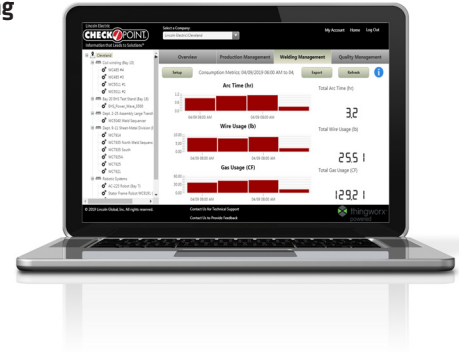
### 內建先進技術

- Power Wave Manager與數位Arclink® 乙太網路通訊可輕鬆配置系統與客製化
- True Energy可輕鬆獲得精準的入熱量計算。不需其他裝置或量測工具

## TECHNOLOGIES

### CheckPoint® Production Monitoring

- Real-time production monitoring data
- Powerful dashboards for full operation visibility
- Easily export and share
- Secure, cloud-based solution (no hardware, no installation)



### ArcLink Communication

- Industry-leading system communication
- 4x faster arc start detection time
- No external hardware required
- Plug and use simplicity
- On-the-fly process changes

### WaveForm Control Technology®

- Simply select and optimized arc performance for any application
- Large, continuously growing portfolio of application-specific waveforms
- Latest waveform innovations are always free and easy to update.

## CABLES

### ARCLINK®/LINC-NET™ CONTROL CABLES

Description	Order Number
8 ft. (2.5 m) (without weld cable)	K1543-8
25 ft. (7.6 m) (without weld cable)	K1543-25
50 ft. (15.2 m) (without weld cable)	K1543-50
100 ft. (30.4 m) (without weld cable)	K1543-100
25 ft. (7.6 m) Heavy Duty (without weld cable)	K2683-25
50 ft. (15.2 m) Heavy Duty (without weld cable)	K2683-50
100 ft. (30.4 m) Heavy Duty (without weld cable)	K2683-100

### WELD POWER CABLES

Description	Order Number
Lug to Lug, 3/0, 600A, 60% Duty Cycle, 10 ft. (3.1 m)	K1842-10
Lug to Lug, 3/0, 600A, 60% Duty Cycle, 35 ft. (10.7 m)	K1842-35
Lug to Lug, 3/0, 600A, 60% Duty Cycle, 60 ft. (18.3 m)	K1842-60
Lug to Lug, 4/0, 600A, 60% Duty Cycle, 110 ft. (33.5 m)	K1842-110
Lug to Lug, 4/0, 35 ft. (10.7 m)	K2163-35 <sup>(1)</sup>
Lug to Lug, 4/0, 60 ft. (18.3 m)	K2163-60 <sup>(1)</sup>

<sup>(1)</sup> Two cables per package.

### 14-PIN TO 14-PIN CONTROL CABLES

For use with FANUC® Arms Having Integrated Cable	Order Number
18 in. (0.45 m)	K1785-2
2 ft. (0.61 m)	K1785-3
4 ft. (1.2 m)	K1785-4
12 ft. (3.6 m)	K1785-12
16 ft. (4.8 m)	K1785-16
25 ft. (7.6 m)	K1785-25
40 ft. (12.2 m)	K1785-40
50 ft. (15.2 m)	K1785-50
100 ft. (30.4 m)	K1785-100
For External Dress of FANUC® Arm or Hard Automation	Order Number
25 ft. (7.6 m)	K2709-25
50 ft. (15.2 m)	K2709-50
100 ft. (30.4 m)	K2709-100

**GENERAL OPTIONS**

**CE Filter**

High power filter that enables a Power Wave® CE "ready" machine to conform to the EMC standards of Europe and Australia.  
**Order K2444-4**

**Deluxe Adjustable Gas Regulator and Hose Kit**

Accommodates CO<sub>2</sub>, argon, or argon-blend gas cylinders. Includes a cylinder pressure gauge, dual scale flow gauge and 4.3 ft. (1.3 m) gas hose.  
**Order K586-1**



**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**



**Work Voltage Sense Lead Kit**

Required to accurately monitor voltage at the arc.  
**Order**  
**K940-25** for 25 ft. (7.6 m)  
**K1811-50** for 50 ft. (15.2 m)  
**K1811-100 (shown)** for 100 ft. (30.5 m)



**Wireless Connectivity Module**

Simple and secure machine connectivity solution for monitoring and control capabilities without the hassle of costly network cables.  
**Order K4352-2**



**WIRE FEEDER OPTIONS**

**AutoDrive® 19 Controller**

Relays wire feed commands from Power Wave® S Series power source to any AutoDrive® Series robotic wire drive for automated welding operation. Not compatible with Power Wave® R-Series power sources.  
**Order K3004-1**



**AutoDrive® 19 Tandem Controller**

Relays wire feed commands from Power Wave® S-Series power source to any AutoDrive® Series robotic wire drive for automated tandem welding operations.  
**Order K3171-1**



**Power Feed® 84**

Advanced, digital wire feeders that provide comprehensive process control in a simple-to-use, rugged design.  
**See publication E8.268**



**Power Feed® 25M**

Advanced, compact wire feeders designed to provide comprehensive process control with push-pull capability in a rugged, portable design.  
**See Publication E8.271**



**AutoDrive® 4R220**

Robotic wire feeding system that offers powerful, industry-proven wire feeding performance for robotic and hard automation applications.  
**See publication E10.12**



**AutoDrive® S**

Servo-driven robotic wire feeding system that employs touch-retract starting technology for improved arc starts and wire feed consistency  
**See publication E10.17.1**



## PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lbs. (kg)
Power Wave® S700	K3279-1 <sup>(1)</sup>	380-415/440-460/ 500/575/3/50/60	700A / 44V / 100% [900A / 44V / 60%]	55A/46A/42A/38A [74A/60A/56A/49A]	20 - 900A	30.1 x 19.1 x 36.7 [765 x 485 x 932]	385 [175]
	K3557-1	200/230/3/50/60		106/92A [138/120A]			

<sup>(1)</sup> Internal filter is required to meet CE conducted emission requirements. K2444-4 CE Filter Module must be used with K3279-1.

**For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables. Visit [www.lincolnelectric.com](http://www.lincolnelectric.com) for more details.  
Manufactured at a facility with certified ISO Quality and Environmental Management Systems.**

### CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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