

## ADVANTAGE

### ► Compact and Robust

Innovative, Portable and Lightweight,  
Anyplace, Anywhere.

### ► Multiple Tasks

Speedtec® 180C: CV MIG, FCW, Stick  
Speedtec® 200C: CV MIG,  
CV Synergic, FCAW, Stick, TIG Lift.

### ► Power Factor Correction (PFC)

More Welding Power,  
Energy and Cost savings,  
Generator Compatible.

### ► User Friendly Operation

Icon control panel  
(SPEEDTEC® 180C)  
Icon control colour TFT Interface screen  
(SPEEDTEC® 200C)

### ► Superior Arc Performance

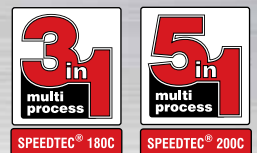
CV MIG: Infinitely Variable Control  
of voltage, Wire Feed Seed  
and Inductance  
Stick: Hot Start and Arc Force Control  
TIG: Lift TIG avoids Tungsten  
contamination

### ► Built the Lincoln Way

Robust, Reliable and Professional

### ► Backed up by a

**Two Year Full Parts  
and Labour Warranty**



## Many Tasks, Many Locations Single<sub>1ph</sub> Device

The SPEEDTEC® 180C & 200C represent Lincoln Electric's latest generation of state of the art inverter based single phase compact MIG machines. Lincoln Electric has constructed a fully professional machine packed with features into a small compact housing with a portable low weight.

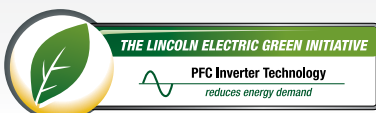
These features make Lincoln Electric's range extremely universal, they can be used for many different applications, can be easily moved around production facilities and be transported to any location effortlessly. These units can be powered from the mains supply and are also suitable for use with motor generators.

The SPEEDTEC® 180C & 200C units have been equipped with Power Factor Correction (PFC), a feature which supports high output welding current from a single phase 230V1Ph 50/60Hz supply and allows to use a long (up to max 100m) primary extension cable. With electronically designed welding waveforms Lincoln Electric offers these multi-process units for MIG, Stick or TIG modes; it's just a question of choosing the right model.

The SPEEDTEC® 180C is the standard dual process model that can be used for CV MIG and CC Stick. It is equipped with all the essential functions, like step-less arc inductance for CV MIG or Hot Start & Arc Force for Stick welding.

The SPEEDTEC® 200C is an advanced multi-process model that can be used for CV MIG (Manual and Synergic), CC Stick and DC Lift TIG. It has a large bright (adjustable) colour TFT User Interface that allows easy viewing of welding parameters and easy access to other features and menu's. The screen uses simple, easy to understand icons rather than traditional text and so instructions and commands are readily understood.

The SPEEDTEC® 180 & 200C are ready to tackle many different welding applications. The welding performance gives excellent results for Steel, Stainless Steel and Aluminium (using 200mm dia. spools). The SPEEDTEC® 180 & 200C machines work perfectly with mixed gas and 100% CO<sub>2</sub> also with self-shielding wires (Innershield). These units are supported with the Lincoln Electric professional wire drive system with 37mm diameter rolls.



# SPEEDTEC® 180C & 200C

## TECHNICAL SPECIFICATION

Product	Item number	Primary Voltage, cos φ	FUSE SIZE (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection Class	Compliance
Speedtec® 180C	K14098-1	230V1Ph, 50/60Hz, 0,99	16A	17,2	396x246x527	IP23	EN60974-1, EN50199, CE, ROHS, EN61000-3-12
Speedtec® 200C	K14099-1		( $I_{eff}=14,7A$ , $I_{max}=27A$ )				

## WELDING OUTPUT

Product	Maximum output current @ duty cycle	O.C.V.	GMAW & FCAW SS (MIG)	SMAW (STICK)	GTAW (TIG)
Speedtec® 180C	200A @ 25%	57Vdc	20-200A/24V dc	20-160A/26,4V dc	-
Speedtec® 200C	200A @ 25%	57Vdc	20-200A/24V dc	20-160A/26,4V dc	20-160A/16,4V dc

## PROCESS/WIRE DIAMETER/WIRE FEED SPEED

PROCESS	SPEEDTEC 180C	SPEEDTEC 200C
CV MIG Manual	✓	✓
CV MIG Synergic	x	✓
FCW	✓	✓
STICK	✓	✓
TIG LIFT	x	✓
WIRE DIAMETERS/WSF	SPEEDTEC 180C	SPEEDTEC 200C
WFS RANGE	1 ÷ 15 m/min	1 ÷ 15 m/min
Solid wires (mm)	0.6 ÷ 1.0	0.6 ÷ 1.0
Aluminum wires (mm)	x	1.0
Cored wires (mm)	0.9 ÷ 1.1	0.9 ÷ 1.1

## ACCESSORIES

Item number	Description
KP14016-0,8	Drive roll kit - solid wire 0,6-0,8mm
KP14016-1,0	Drive roll kit - solid wire 0,8-1,0mm
KP14016-1,1R	Drive roll kit - flux cored wire 0,9-1,1mm
KP14016-1,2A	Drive roll kit - Aluminium wire 0,8-1,0mm
K14114-1	Cart ST/VTX
K10413-14-3M	LG140 G (140A 60%)
K10413-15-3M	LG150 G (150A 60%)
K10413-25-3M	LG 250 G (200A 60%)
K10513-17-4V	LT 17 G (140A 35%)
K14010-1	Ground cable with clamp
E/H-200A-25-3M	Welding cable with electrode holder
KIT-200A-25-3M	KIT-Welding + Ground cables
K14115-1	Tool box for Cart ST/VTX



### STANDARD MENU



#### On display:

Main process information only, welding parameters (preset and actual)

### ADVANCED MENU (FULLY FEATURED)



#### On display:

Main process information, welding parameters (preset and actual), advanced functions adjustable, memory and many more

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