

**bester**®  
by Lincoln Electric

**NEW**

## **BESTER 190C MULTI**

- Excellent choice for MIG, TIG lift and MMA welding
- Compact and robust single phase inverter
- Portable and lightweight
- Large digital displays, friendly user interface
- Suitable for use with motor generators
- Easy Polarity change
- 2 years warranty



**INCLUDES:**  
MIG / MAG WELDING GUN  
AND GROUND CABLE (3m)



# Bester 190C MULTI

Item number	B18259-1
EAN Code	5907709573734
Process	MIG/MMA/TIG lift
Technology	Inverter
Input Voltage	230V +/-15% 1Ph
MIG current range	30-180A
MIG rating	180A@20%
MMA current range	15-180A
MMA rating	180A@15%
TIG ignition	Lift
TIG current range	15-180A
TIG rating	180A@25%
Spool size max	5kg (dia. 200mm)
Wire range mm	0.6-1.0
Arc Force (MMA)	Yes
Anti-sticking (MMA)	Yes
Arc inductance (MIG)	Yes
Digital Display	Yes
Over input voltage protection	Yes
Generator compatible	Yes
Polarity change	Yes
Warranty Years	2
Primary cable m	3m
Input plug	16A
MIG gun lenght	3m
Ground cable lenght	3m
Machine Weight - Nett	13 kg
Machine Dimensions HxWxD	480*220*305 mm

## INPUT – SINGLE PHASE ONLY

Standard Voltage/Phase/ Frequency	Generator required [recommended]	Effective Input current
230 V ± 15% 50/60 Hz	>10 kVA	16A

## RATED OUTPUT – DC ONLY

Mode	Duty Cycle <sup>(1)</sup>	Amperes	Volts at Rated Amperes
MIG	20%	180A	23V
	60%	115A	19.8V
	100%	90A	18.5V
MMA	15%	180A	27.2V
	60%	95A	23.8V
	100%	75A	23.0V
TIG	25%	180A	17.2V
	60%	120A	14.8V
	100%	90A	13.6V

The duty cycle above is about 40°C

## OUTPUT RANGE

Mode	Open Circuit Voltage	Welding Current Range	Welding Voltage Range
MIG	88V	30A ÷ 180A	15.5V ÷ 23V
MMA	88V	15A ÷ 180A	20.6V ÷ 27.2V
TIG	88V	15A ÷ 180A	10.6V ÷ 17.2V

## RECOMMENDED CONSUMABLES

Bester 6013    Bester 6012    Bester 7018    Bester Inox    Bester Cast    Bester 55

Type	Wire	Rutile	Rutile-cellulose	Basic	Stainless 308	Cast	Hardfacing
Available diameters	0,6 0,8 1,0	2,5x350 3,2x350	2,5x350 3,2x350	2,5x350 3,2x350 4,0x350	2,0x300 2,5x350 3,2x350	2,5x300 3,2x350	3,2x350 4,0x350
5 kg spool Bester SG2	✓						
Box standard (5kg)		✓	✓	✓			
Box medium (1,9kg)		✓	✓	✓			
Box small (0,5kg)		✓	✓	✓			✓
Blister (5/10pcs)					✓	✓	

