

**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
- Functions: Arc Force, Hot Start, Anti Stick
- 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	230+/-15% 1ph
MIG current range	30-180A GMAW
MIG rating	180A@25%
MMA current range	15-180A
MMA rating	180A@20%
TIG ignition	Lift
TIG current range	15-180A
TIG rating	180A@25%
Spool size max	5kg
Wire range mm	0.6-1.0
Arc Force	Yes
Anti-sticking	Yes
Hot Start	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	13,7 kg
Machine Dimensions HxWxD	463*217*304 mm

## INPUT – SINGLE PHASE ONLY

Standard Voltage/Phase/ Frequency	Generator required (recommended)	Maximum Input Current	Effective Input current
230+/-15% / 1/50/60 Hz	>10 kVA	35A	16A

## RATED OUTPUT – DC ONLY

Mode	Duty Cycle <sup>(d)</sup>	Amperes	Volts at Rated Amperes
GMAW	20%	180A	23V
	60%	115A	19.8V
	100%	90A	18.5V
SMAW	15%	180A	27.2V
	60%	95A	23.8V
	100%	75A	23.0V
GTAW	25%	180A	17.2V
	60%	120A	14.8.4V
	100%	90A	13.6V

The duty cycle above is about 40°C

## OUTPUT RANGE

Mode	Open Circuit Voltage	Welding Current Range	Welding Voltage Range
GMAW	88V	30A ÷ 180A	15.5V ÷ 23V
SMAW	88V	15A ÷ 180A	20.6V ÷ 27.2V
GTAW	88V	15A ÷ 180A	10.6V ÷ 17.2V

## RECOMMENDED CONSUMABLES

	Bester 6013	Bester 6012	Bester 7018	Bester Inox	Bester Cast	Bester 55	
Type	Rutile	Rutile-cellulose	Basic	Stainless 308	Cast	Hardfacing	Wire
Available diameters	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	
Box standard [5kg]	✓	✓	✓				
Box medium [1,9kg]	✓	✓	✓				
Box small [0,5kg]	✓	✓	✓			✓	
Blister [5/10pcs]				✓	✓		
0,45 kg spool Bester Innershield							0,9
5 kg spool Bester SG2							0,6; 0,8; 1,0

