

Smart 250 MP Syner

Equipo inverter sinérgico multiproceso

FT-22300250MP v0

Ref.: 22300250MP

Date: 20/04/2026



Descripción:

Equipo sinérgico para soldadura multiproceso MIG/MAG, MMA y TIG DC Lift Arc. Tecnología inverter de alta eficiencia.

Uso:

Ideal para trabajos profesionales de cerrajería y calderería. Conexión monofásica.

Alimentación:

1Ph. 230V - 50/60Hz ±10 %

Características técnicas básicas

Tensión de alimentación (U ₁): 1Ph 50/60 Hz	230 V ± 10%
Intensidad entrada efectiva (I _{1eff}) / máxima (I _{1max}) MIG	30 / 48 A
Potencia aparente efectiva (S _{1eff}) / máxima (S _{1max})	6,9 / 11 kVA
Eficiencia	80%
Margen de regulación U ₂ MIG/MAG	15,5-26.5 V
Margen de regulación velocidad de hilo v _n	1,5-15 m/min
Margen de regulación I ₂ MMA	30-250 A
Margen de regulación I ₂ TIG	10-250 A
Tensión en vacío	63 V
Corriente soldadura (I ₂) / Factor de marcha 40°C MIG/MAG	250 A / 40% 220 A / 60% 180 A / 100%
Ø de hilo aplicables	0,8-1.0-1.2 mm
Carretes de hilo	Ø 300 mm / 15 kg
Conectores de soldadura / antorcha	Dinse hembra 35-50mm ² / Euroconector
Peso equipo / Grado de protección	41kg / IP21S
Dimensiones totales	900x285X650
SEGÚN NORMAS UNE-EN 60974-1	

Accesorios incluidos:

Pinza masa con cable 16mm ² , 4m
Tubo gas Øint 6mm Øext 12mm long 2m
Ruedas, eje y soporte botella.
42416121 2 Ruletas 0.8-1.0 mm "V"

Ventajas principales:

- MIG/MAG 250 A.
- Hilo macizo 0.8-1.0-1.2 mm
- Motor de arrastre de 4 ruletas.
- Excelente estabilidad de arco tanto en programas MIX (Ar-CO₂) como en CO₂.
- Arco suave sin proyecciones. Control de inductancia.
- Cambio de polaridad. Aplicación con hilo tubular SIN GAS.
- Carrete de hilo Ø 300 mm / 15 kg.
- Soldadura de electrodo revestido: rutilos, básicos, inoxidable, hasta Ø 5.0mm.
- Panel de control digital con display LED de alta visibilidad.
- Proceso de soldadura TIG DC con tecnología Lift Arc.
- Conectores de soldadura 35/50mm² y Euroconector para antorcha
- Modo de antorcha 2T/4T/ 4TS

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Equipo inverter sinérgico multiproceso

FT

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Accesorios recomendados MIG/MAG:


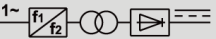

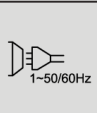



Antorcha MIG 25	880025P
Estuche consumibles antorcha MIG 25	EMIG25
Pantalla Electrónica Gasweld DARK	5998F
Regulador Argón-CO ₂	36500001
2 Ruletas 0.8-1.0 mm "V"	42416121
2 Ruletas 1.0-1.2 mm "V"	42416122
2 Ruletas 0.8-1.0 mm "U"	42416126
2 Ruletas 1.0-1.2 mm "U"	42416127
2 Ruletas 1.2-1.6 mm "U"	42416124
2 Ruletas 1.0-1.2 mm "Estriada"	42416128

Accesorios recomendados MMA:

Electrodos rutilo Ø 2.0 mm	23301620PQ
Electrodos rutilo Ø 3.25 mm	23301632PQ
Electrodos rutilo Ø 4.0 mm	23301644PQ

Accesorios recomendados TIG:

Regulador Argón-CO ₂	36500001
Antorcha TIG SR26 V (4m)	19052604P
Caja electrodos Tungsteno negro Ø 2.4 mm	750244C
Estuche consumibles antorcha TIG	ETIG
Pantalla Electrónica 9-13 para TIG	51259B

		GALAGAR S.L. CIF B- 50/045285 50.014 ZARAGOZA								
SMART 250 MP SYNER ref. 22300250MP		NO.								
		EN IEC 60974-1								
	U ₀ =63V	MIG:30A/15.5V~250A/26.5V MMA:30A/21.2V~250A/30V TIG:10A/10.4V~250A/20V								
		X(%)	40		60		100			
		I ₂ (A)	250	250	250	220	220	220	180	180
	U ₂ (V)	26.5	30	20	25	28.8	18.8	23	27.2	17.2
	U ₁ =230V 1~50/60Hz	MIG	I _{1max} = 48A			I _{1eff} = 30A				
		MMA	I _{1max} = 53A			I _{1eff} = 33A				
		TIG	I _{1max} = 35A			I _{1eff} = 22A				
IP21S		H		Production date:2023						
										

Smart 250 MP Syner

Multi-process synergic inverter unit

FT-22300250MP v0

Ref.: 22300250MP

Date: 20/04/2026



Description:

Synergic equipment for MIG/MAG, MMA and TIG DC Lift Arc multi-process welding. High-efficiency inverter technology.

Use:

Ideal for professional metalwork and sheet metal fabrication.

Single-phase connection.

Power supply:

1Ph. 230V - 50/60Hz $\pm 10\%$

Basic technical specifications

Supply voltage (U_1): 1Ph 50/60 Hz	230 V $\pm 10\%$
Effective input current ($I_{1\text{eff}}$) / maximum ($I_{1\text{max}}$) MIG	30 / 48 A
Apparent power ($S_{1\text{eff}}$) / maximum ($S_{1\text{max}}$)	6.9 / 11 kVA
Efficiency	80%
Regulation range U_2 MIG/MAG	15.5–26.5 V
Wire speed regulation range v_n	1.5–15 m/min
I_2 adjustment range MMA	30–250 A
I_2 adjustment range TIG	10–250 A
No-load voltage	63 V
Welding current (I_2) / Duty cycle at 40°C	250 A / 40%
MIG/MAG	220 A / 60%
	180 A / 100%
Applicable wire diameter	0.8–1.0–1.2 mm
Wire spools	\varnothing 300 mm / 15 kg
Welding connectors / torch	35–50 mm female DIN socket ^{2/} Euroconnecto
Equipment weight / Protection rating	41 kg / IP21S
Total dimensions	900x285X650

IN ACCORDANCE WITH UNE-EN 60974-1 STANDARDS

Accessories included:

Ground clamp with 16mm ² cable, 4m
Gas tube, inner \varnothing 6mm, outer \varnothing 12mm, length 2m
Wheels, axle and cylinder bracket.
42416121 2 Rollers 0.8–1.0 mm "V"

Key advantages:

- MIG/MAG 250 A.
- Solid wire 0.8–1.0–1.2 mm
- 4-roller drive motor.
- Excellent arc stability in both MIX (Ar-CO₂) and CO₂ modes.
- Smooth arc with no spatter. Inductance control.
- Polarity reversal. Application with GASLESS flux-cored wire.
- Wire reel \varnothing 300 mm / 15 kg.
- Coated electrode welding: rutile, basic, stainless steel, up to \varnothing 5.0 mm.
- Digital control panel with high-visibility LED display.
- DC TIG welding process with Lift Arc technology.
- 35/50 mm² welding connectors and Euroconnector for torch
- Torch mode: 2T/4T/4TS

Smart 250 MP Syner

Multi-process synergic inverter unit

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Recommended MIG/MAG accessories:


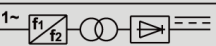


MIG 25 torch	880025P
MIG 25 torch consumables kit	EMIG25
Gasweld DARK Electronic Display	5998F
Argon-CO ₂ Regulator	36500001
2 Rollers 0.8–1.0 mm “V”	42416121
2 Rollers 1.0–1.2 mm “V”	42416122
2 Rollers 0.8–1.0 mm “U”	42416126
2 Rollers 1.0–1.2 mm “U”	42416127
2 Rollers 1.2–1.6 mm “U”	42416124
2 Rollers 1.0–1.2 mm “Grooved”	42416128

Recommended MMA accessories:

Rutile electrodes Ø 2.0 mm	23301620PQ
Rutile electrodes Ø 3.25 mm	23301632PQ
Rutile electrodes Ø 4.0 mm	23301644PQ

Recommended TIG accessories:

Argon-CO ₂ regulator	36500001
SR26 V TIG torch (4m)	19052604P
Box of black tungsten electrodes Ø 2.4 mm	750244C
TIG torch consumables kit	ETIG
9-13 Electronic Control Unit for TIG	51259B

		GALAGAR S.L. CIF B- 50/045285 50.014 ZARAGOZA																																									
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Smart 250 MP Syner

Équipement onduleur synergique multiprocessus

FT-22300250MP v0

Réf. : 22300250MP

Date : 20/04/2026



Description :

Équipement synergique pour soudage multiprocédé MIG/MAG, MMA et TIG DC Lift Arc. Technologie onduleur à haut rendement.

Utilisation :

Idéal pour les travaux professionnels de serrurerie et de chaudronnerie. Raccordement monophasé.

Alimentation :

1Ph. 230 V - 50/60 Hz $\pm 10\%$

Caractéristiques techniques de base

Tension d'alimentation (U_1) : 1Ph 50/60 Hz	230 V $\pm 10\%$
Intensité d'entrée effective (I_{1eff}) / maximale (I_{1max}) MIG	30 / 48 A
Puissance apparente effective (S_{1eff}) / maximale (S_{1max})	6,9 / 11 kVA
Rendement	80 %
Plage de régulation U_2 MIG/MAG	15,5-26,5 V
Plage de réglage de la vitesse du fil v_n	1,5-15 m/min
Plage de réglage I_2 MMA	30-250 A
Plage de réglage I_2 TIG	10-250 A
Tension à vide	63 V
Courant de soudage (I_2) / Facteur de marche à 40 °C MIG/MAG	250 A / 40 % 220 A / 60 % 180 A / 100 %
Diamètre de fil applicable	0,8-1,0-1,2 mm
Bobines de fil	\varnothing 300 mm / 15 kg
Connecteurs de soudage / torche	Dinse femelle 35-50 mm ² / Connecteur Euro
Poids de l'équipement / Indice de protection	41 kg / IP21S
Dimensions totales	900x285x650

CONFORMÉMENT AUX NORMES UNE-EN 60974-1

Accessoires inclus :

Pince de masse avec câble 16 mm ² , 4 m
Connexion de gaz \varnothing int 6 mm \varnothing ext 12 mm, longueur 2 m
Roues, axe et support de bouteille.
42416121 2 galets 0,8-1,0 mm "V"

Principaux avantages :

- MIG/MAG 250 A.
- Fil plein 0,8-1,0-1,2 mm
- Moteur d'entraînement à 4 rouleaux.
- Excellente stabilité de l'arc aussi bien en mode MIX (Ar-CO₂) qu'en mode CO₂.
- Arc doux sans projections. Contrôle d'inductance.
- Changement de polarité. Utilisation avec fil fourré SANS GAZ.
- Bobine de fil \varnothing 300 mm / 15 kg.
- Soudage à l'électrode enrobée : rutiles, basiques, inoxydables, jusqu'à \varnothing 5,0 mm.
- Panneau de commande numérique avec écran LED haute visibilité.
- Procédé de soudage TIG CC avec technologie Lift Arc.
- Connecteurs de soudage 35/50 mm² et connecteur européen pour torche
- Mode torche 2T/4T/4TS

Smart 250 MP Syner

Équipement onduleur synergique multiprocessus

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Accessoires recommandés MIG/MAG :


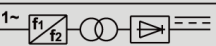



Torche MIG 25	880025P
Trousse de consommables pour torche MIG 25	EMIG25
Écran électronique Gasweld DARK	5998F
Régulateur Argón-CO ₂	36500001
2 galets 0,8-1,0 mm "V"	42416121
2 galets 1,0-1,2 mm "V"	42416122
2 galets 0,8-1,0 mm "U"	42416126
2 galets 1,0-1,2 mm "U"	42416127
2 galets 1,2-1,6 mm "U"	42416124
2 galets 1,0-1,2 mm "crantés"	42416128

Accessoires recommandés pour le soudage MMA :

Électrodes rutile Ø 2,0 mm	23301620PQ
Électrodes rutiles Ø 3,25 mm	23301632PQ
Électrodes rutile Ø 4,0 mm	23301644PQ

Accessoires TIG recommandés :

Régulateur Argón-CO ₂	36500001
Torche TIG SR26 V (4 m)	19052604P
Boîte d'électrodes en tungstène noir Ø 2,4 mm	750244C
Trousse de consommables pour torche TIG	ETIG
Écran électronique 9-13 pour TIG	51259B

		GALAGAR S.L. CIF B- 50/045285 50.014 ZARAGOZA									
SMART 250 MP SYNER ref. 22300250MP		NO.									
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	U ₀ =63V	MIG:30A/15.5V~250A/26.5V MMA:30A/21.2V~250A/30V TIG:10A/10.4V~250A/20V									
		X(%)	40			60			100		
		I ₂ (A)	250	250	250	220	220	220	180	180	180
U ₂ (V)	26.5	30	20	25	28.8	18.8	23	27.2	17.2		
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IP21S		H		Production date:2023							
											

Smart 250 MP Syner

Equipamento inversor sinérgico multiprocessos

FT-22300250MP v0

Ref.: 22300250MP

Data: 20/04/2026



Descrição:

Equipamento sinérgico para soldadura multiprocesso MIG/MAG, MMA e TIG DC Lift Arc. Tecnologia inverter de alta eficiência.

Utilização:

Ideal para trabalhos profissionais de serralharia e caldeiraria. Ligação monofásica.

Alimentação:

1Ph. 230 V - 50/60 Hz $\pm 10\%$

Características técnicas básicas

Tensão de alimentação (U_1): 1Ph 50/60 Hz	230 V $\pm 10\%$
Intensidade de entrada efetiva ($I_{1\text{eff}}$) / máxima ($I_{1\text{max}}$) MIG	30 / 48 A
Potência aparente efetiva ($S_{1\text{eff}}$) / máxima ($S_{1\text{max}}$)	6,9 / 11 kVA
Eficiência	80%
Margem de regulação U_2 MIG/MAG	15,5-26,5 V
Margem de regulação da velocidade do fio v_h	1,5-15 m/min
Margem de regulação I_2 MMA	30-250 A
Margem de regulação I_2 TIG	10-250 A
Tensão em vazio	63 V
Corrente de soldadura (I_2) / Fator de marcha a 40 °C MIG/MAG	250 A / 40% 220 A / 60% 180 A / 100%
Diâmetro do fio aplicável	0,8-1,0-1,2 mm
Bobinas de fio	\varnothing 300 mm / 15 kg
Conectores de soldadura / tocha	Ficha fêmea DINSE 35-50 mm ² / Euroconecto
Peso do equipamento / Grau de proteção	41 kg / IP21S
Dimensões totais	900x285X650

DE ACORDO COM AS NORMAS UNE-EN 60974-1

Acessórios incluídos:

Pinça de terra com cabo de 16 mm ² , 4 m
Tubo de gás \varnothing_{int} 6 mm \varnothing_{ext} 12 mm, comprimento 2 m
Rodas, eixo e suporte para garrafa.
42416121 2 Rolos 0,8-1,0 mm "V"

Principais vantagens:

- MIG/MAG 250 A.
- Fio maciço 0,8-1,0-1,2 mm
- Motor de arrasto de 4 rodas.
- Excelente estabilidade do arco tanto em programas MIX (Ar-CO₂) como em CO₂.
- Arco suave sem projeções. Controlo de indutância.
- Mudança de polaridade. Aplicação com fio tubular SEM GÁS.
- Bobina de fio \varnothing 300 mm / 15 kg.
- Soldadura com elétrodo revestido: rutilícos, básicos, inoxidáveis, até \varnothing 5,0 mm.
- Painel de controlo digital com ecrã LED de alta visibilidade.
- Processo de soldadura TIG DC com tecnologia Lift Arc.
- Conectores de soldadura 35/50 mm² e Euroconector para tocha
- Modo de tocha 2T/4T/4TS

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Equipamento inverter sinérgico multiprocessos

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Acessórios recomendados MIG/MAG:


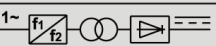


Tocha MIG 25	880025P
Estojo de consumíveis para tocha MIG 25	EMIG25
Ecrã eletrónico Gasweld DARK	5998F
Regulador de argônio-co ₂	36500001
2 Rolos 0,8-1,0 mm "V"	42416121
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2 Rolos 1,0-1,2 mm "U"	42416127
2 Rolos 1,2-1,6 mm "U"	42416124
2 Rolos 1,0-1,2 mm "Ranhurados"	42416128

Acessórios recomendados para MMA:

Eletrodos de rutilo Ø 2,0 mm	23301620PQ
Eletrodos de rutilo Ø 3,25 mm	23301632PQ
Eletrodos de rutilo Ø 4,0 mm	23301644PQ

Acessórios recomendados para TIG:

Regulador de argônio-co ₂	36500001
Tocha TIG SR26 V (4 m)	19052604P
Caixa de eletrodos de tungsténio preto Ø 2,4 mm	750244C
Estojo de consumíveis para tocha TIG	ETIG

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