
WELDSTER
Robustly Smart, Nothing Less.
FCAW
TIG
MMA
ROCKET MIX 160
FCAW | TIG | MMA
WELDSTER.com

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BLAZER NANO 130

130A 110V | MMA / TIG LIFT ARC



High-contrast LED display for easy and quick reading.
Easy to use, with an excellent arc.

1 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

CONNECTION	110V - 50/60Hz +/-10%
AMPERAGE RANGE	10-130A
DUTY CYCLE at 40°C	30%
OPEN CIRCUIT VOLTAGE U0	70V
MODES	MMA / TIG LIFT
CONNECTORS	QUICK CONNECT 3/8" (9 mm)
IP	IP21S
ADJUSTMENT	Knob
GENERATORS	Not recommended
EXTENSIONS (INPUT)	Up to 5m - AWG8
EXTENSIONS (OUTPUT)	Up to 5m - AWG2
Ø ELECTRODES	Ø1/16" to 1/8" (1.6mm to 3.2mm)
ELECTRODE TYPE	6013,7018, 6010, 6011
INCLUDED ACCESSORIES	Ground clamp + Electrode holder set

DRB-130

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BLAZER 160

110V | MMA / TIG LIFT ARC



High-contrast LED display for easy and quick reading.
Easy to use, with an excellent arc.

1 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

CONNECTION	10 - 160 (110V) - 50/60Hz +/-10%
AMPERAGE RANGE	10-160A
DUTY CYCLE at 40°C	45%
OPEN CIRCUIT VOLTAGE U0	70V
MODES	MMA / TIG LIFT
CONNECTORS	QUICK CONNECT 1/2" (13mm)
IP	IP21S
DISPLAY TYPE	LED DISPLAY
ADJUSTMENT	Knob
GENERATORS	Not recommended
EXTENSIONS (INPUT)	Up to 5m - AWG8
EXTENSIONS (OUTPUT)	Up to 5m - AWG2
Ø ELECTRODES	Ø1/16" to 1/8" (1.6mm to 3.2mm)
ELECTRODE TYPE	6013,7018, 6010, 6011
INCLUDED ACCESSORIES	Ground clamp + Electrode holder set

DRB-160

WELDSTER

Robustly Smart, Nothing Less.



BLAZER 200

110/220V | MMA / TIG LIFT ARC

High-contrast LED display for easy and quick reading. Easy to use, with an excellent arc.

1 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

CONNECTION	10-200(220V) 10 - 140 (110V) - 50/60Hz +/-10%
AMPERAGE RANGE	10-200A
DUTY CYCLE at 40°C	45%
OPEN CIRCUIT VOLTAGE U0	70V
MODES	MMA / TIG LIFT
CONNECTORS	QUICK CONNECT 1/2" (13mm)
IP	IP21S
DISPLAY TYPE	LED DISPLAY
ADJUSTMENT	Knob
GENERATORS	Not recommended
EXTENSIONS (INPUT)	Up to 5m - AWG8
EXTENSIONS (OUTPUT)	Up to 5m - AWG2
Ø ELECTRODES	Ø1/16" to 1/8" (1.6mm to 3.2mm),
ELECTRODE TYPE	6013,7018, 6010, 6011
INCLUDED ACCESSORIES	Ground clamp + Electrode holder set

DRB-200

WELDSTER

Robustly Smart, Nothing Less.

ROCKET MIX 140

MMA/TIG/FCAW multiprocess equipment, 140A, LED Display, and Synergic Control

High-contrast LED display for easy and quick reading.
Connectable torch.
3 welding modes: FCAW, MMA AND TIG LIFT
SYNERGIC MIG

1 YEAR WARRANTY



*MODEL WITHOUT DISPLAY

INVERTER MULTIPROCESS EQUIPMENT FOR WELDING, FLUXCORE (FCAW) MMA and TIG (LIFT ARC)

TECHNICAL SPECIFICATIONS

CONNECTION	110V
AMPERAGE RANGE	10-140A
DUTY CYCLE at 40°C	45%
OPEN CIRCUIT VOLTAGE U0	56V
MODES	FCAW / MMA / TIG LIFT
TIG TYPE	LIFT ARC
CONNECTORS	QUICK CONNECT 3/8" (9mm)
IP	IP21S
DISPLAY TYPE	LED DISPLAY
ADJUSTMENT	Knob
GENERATORS	Not recommended
EXTENSIONS (INPUT)	Up to 5m - AWG8
EXTENSIONS (OUTPUT)	Up to 5m - AWG2
SPOOL	1KG (Ø100mm.)
WIRE TYPE	SELF-SHIELDED TUBULAR (FCAW), NO GAS

DMR-140

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Robustly Smart, Nothing Less.

ROCKET MIX 160

110/220V | MMA- FCAW - TIG



Large LED display for easy and quick reading.
Connectable torch for flux-cored wire, with 2T, 4T and spot welding function.
3 operating modes for self-shielded flux-cored wire: SYNERGIC, MANUAL, AND "AI"
HOT START, ARC FORCE FOR electrode.

MULTI PROCESOS

1 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

CONNECTION	10-160(220V) 10 - 120 (110V) - 50/60Hz +/-10%
AMPERAGE RANGE	10-160A
DUTY CYCLE at 40°C	45%
OPEN CIRCUIT VOLTAGE U0	60V
MODES	FCAW / MMA / TIG LIFT
TIG TYPE	LIFT ARC
CONNECTORS	QUICK CONNECT 3/8" (9mm)
IP	IP21S
DISPLAY TYPE	LED DISPLAY SYNERGIC AI
ADJUSTMENT	Knob
GENERATORS	Not recommended
EXTENSIONS (INPUT)	Up to 5m - AWG8
EXTENSIONS (OUTPUT)	Up to 5m - AWG2
SPOOL	1KG (Ø100mm.)
WIRE TYPE	SELF-SHIELDED TUBULAR (FCAW), NO GAS

DMR-160

WELDSTER

Robustly Smart, Nothing Less.

BETA 250

Robust helmet, 35x95 mm visor, interchangeable battery, shade DIN 3/11.



VIEWING AREA 3.9"
Dual Digital Sensor
Hybrid Solar And Battery Power Supply (Interchangeable).
Ultra Fast Processor Ultra-Sensitivity In Low Light.

Robust welding helmet with a wide viewing area of 35x95 mm and interchangeable battery, ensuring maximum efficiency. Equipped with fixed shade DIN 3/11, it offers constant protection against radiation and sparks. Designed for durability and comfort, it is ideal for professionals seeking precision and safety in every weld.

TECHNICAL SPECIFICATIONS

Viewing Area	35 X 95 mm / 3.9 "
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Sensitivity Regulation	INTERNAL
Shade Regulation	GRIND 3/11
Type of Vision	COLOR HD
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSB-383-GLD

WELDSTER

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BETA 353



WELDING HELMET WITH DIN 3/11 AND COLOR VISION
Robust helmet, 35x90mm visor, interchangeable battery, shade DIN 3/11.

VIEWING AREA 3.8"
Dual Digital Sensor
Hybrid Solar And Battery Power Supply (Interchangeable).
Ultra Fast Processor Ultra-Sensitivity In Low Light.

Robust welding helmet with a wide viewing area of 35x90 mm and interchangeable battery, ensuring maximum efficiency. Equipped with fixed shade DIN 3/11, it offers constant protection against radiation and sparks. Designed for durability and comfort, it is ideal for professionals seeking precision and safety in every weld.

TECHNICAL SPECIFICATIONS

Viewing Area	35x90mm / 3.8"
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Min. Amperage	25AMPS
Delay Time	FIX
Sensitivity Regulation	FIX
Shade Regulation	FIX, DIN 3 / 11
Type of Vision	COLOR HD
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSB-353

WELDSTER

Robustly Smart, Nothing Less.





BETA 383
MADMETAL GOLD

Auto-darkening welding helmet
Precision protection. Nothing less.

The **BETA 383 MADMETAL** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 93 × 43 mm, 2 high-speed digital sensors, and a replaceable CR2032 battery, it ensures active and reliable protection at all times.

Its 4-point harness with integral padding provides maximum comfort, while the external shade regulation **DIN 9-13** allows quick and precise adjustment.

Additionally, the filter with technology GOLDARIZED offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience and free from eye fatigue.

Filter with technology GOLDARIZED for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

- UV/IR GOLDARIZED Filter
- Matte metallic paint design **MADMETAL**
- High-Speed Sensors
- Customizable sensitivity and delay adjustment
- color vision
- External Shade **DIN 9-13**
- Mode **GRINDING DIN 4**
- Power Supply **CR2032**
- Structure Robust & Light
- **ErgoLock 4X™ System** Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	43x93mm / 4.0"
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Sensitivity Regulation	INTERNAL
Shade Regulation	GRIND 4, ADJUSTABLE DIN 9-13
Vision Type	COLOR HD GOLDARIZED
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSB-383-SIL

WELDSTER

Robustly Smart, Nothing Less.



BETA 383

MADMETAL GREEN

Auto-darkening welding helmet
Precision protection. Nothing less.

The **BETA 383 MADMETAL** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 93 × 43 mm, 2 high-speed digital sensors, and a replaceable CR2032 battery,

it ensures active and reliable protection at all times. Its 4-point harness with integral padding provides maximum comfort, while the external shade regulation **DIN 9-13**

allows quick and precise adjustment.

Additionally, the filter with technology GOLDARIZED offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience and free from eye fatigue.

Filter with technology GOLDARIZED for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

- UV/IR GOLDARIZED Filter
- Matte metallic paint design **MADMETAL**
- High-Speed Sensors
- Customizable sensitivity and delay adjustment
- color vision
- External Shade **DIN 9-13**
- Mode **GRINDING DIN 4**
- Power Supply **CR2032**
- Structure Robust & Light
- **ErgoLock 4X™ System** Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	43x93mm / 4.0"
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Sensitivity Regulation	INTERNAL
Shade Regulation	GRIND 4, ADJUSTABLE DIN 9-13
Vision Type	COLOR HD GOLDARIZED
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSB-383-GRN

WELDSTER

Robustly Smart, Nothing Less.



BETA 383
MADMETAL SILVER

Auto-darkening welding helmet
Precision protection. Nothing less.

The **BETA 383 MADMETAL** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 93 × 43 mm, 2 high-speed digital sensors, and a replaceable CR2032 battery, it ensures active and reliable protection at all times. Its 4-point harness with integral padding provides maximum comfort, while the external shade regulation **DIN 9-13** allows quick and precise adjustment.

Additionally, the filter with technology GOLDARIZED offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience and free from eye fatigue.

Filter with technology GOLDARIZED for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

- UV/IR GOLDARIZED Filter
- Matte metallic paint design **MADMETAL**
- High-Speed Sensors
- Customizable sensitivity and delay adjustment
- color vision
- External Shade **DIN 9-13**
- Mode **GRINDING DIN 4**
- Power Supply **CR2032**
- Structure Robust & Light
- **ErgoLock 4X™ System** Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	43x93mm / 4.0”
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Sensitivity Regulation	INTERNAL
Shade Regulation	GRIND 4, ADJUSTABLE DIN 9-13
Vision Type	COLOR HD GOLDARIZED
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSB-383-SIL

WELDSTER

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ALPHA
100



FIXED SHADE WELDING MASK DIN11
Robust helmet, visor 100x40mm
Viewing area of 4.3"

FLIP-UP / ABATIBLE

Welding mask with DIN 11 inactinic filter for protection against radiation and particle projections caused during welding work: MIG, MAG, TIG or arc welding.

Includes DIN11 opacity inactinic filter with optical quality and distortion-free vision for continuous welding processes preventing eye fatigue.

Welding mask equipped with harness and strap for head adjustment, flip-up lenses

TECHNICAL SPECIFICATIONS

Viewing Area	100X40mm / 4.3"
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time Modes	1/25000s.
Minimum Amperage	MMA / TIG / MIG
Sensitivity Regulation	0AMPS
Vision Type	Passive / Fixed, SHADE 11
Material	Green infrared lenses, compliant EN169 ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSB-353

WELDSTER

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DELTA 353

MADMETAL BLACK

Auto-darkening welding helmet
Precision protection. Nothing less.

The **DELTA 383 BLACK** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 90x35, 2 high-speed digital sensors, and a replaceable CR2032 battery, it ensures active and reliable protection at all times.

Its 3-point harness with integral padding provides maximum comfort. Fixed Regulation **DIN 4-11** allows quick and precise adjustment. Additionally, the filter with technology REAL COLOR offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience free from eye fatigue.

Filter with technology REAL COLOR for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

Comfortable design

High-Speed Sensors

REAL COLOR

External Shade **DIN 9-13**

Mode **GRINDING DIN 4**

Power Supply **CR2032**

Structure Robust & Light

ErgoLock 3X™ System Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	90x35mm
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Switching Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	25AMPS
Shade Regulation	DIN 3 / 11
Vision Type	COLOR HD REAL COLOR
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSD-353

WELDSTER

Robustly Smart, Nothing Less.





DELTA 383

MADMETAL YELLOW

Auto-darkening welding helmet
Precision protection. Nothing less.

The **DELTA 383 YELLOW** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 93x43 mm, 2 high-speed digital sensors, and a replaceable CR2032 battery, it ensures active and reliable protection at all times.
Its 3-point harness with integral padding provides maximum comfort, while the external shade regulation **DIN4 / 9-13** allows quick and precise adjustment.
Additionally, the filter with technology REAL COLOR offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience free from eye fatigue.

Filter with technology REAL COLOR for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

- Comfortable design
- High-Speed Sensors
- REAL COLOR
- External Shade **DIN 9-13**
- Mode **GRINDING DIN 4**
- Power Supply **CR2032**
- Structure Robust & Light
- **ErgoLock 3X™ System** Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	93x43 mm
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Shade Regulation	GRIND 4, ADJUSTABLE DIN 9-13
Vision Type	COLOR HD REAL COLOR
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSD-383-YEL

WELDSTER

Robustly Smart, Nothing Less.



DELTA 383

MADMETAL SILVER

Auto-darkening welding helmet
Precision protection. Nothing less.

The **DELTA 383 MADMETAL** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 93x43 mm, 2 high-speed digital sensors, and a replaceable CR2032 battery, it ensures active and reliable protection at all times. Its 3-point harness with integral padding provides maximum comfort, while the external shade regulation **DIN 9-13** allows quick and precise adjustment.

Additionally, the filter with technology REAL COLOR offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience free from eye fatigue.

Filter with technology REAL COLOR for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

- Comfortable design
- High-Speed Sensors
- REAL COLOR
- External Shade **DIN 9-13**
- Mode **GRINDING DIN 4**
- Power Supply **CR2032**
- Structure Robust & Light
- **ErgoLock 3X™ System** Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	93x43 mm
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Shade Regulation	GRIND 4, ADJUSTABLE DIN 9-13
Vision Type	COLOR HD REAL COLOR
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSD-383-SIL

WELDSTER

Robustly Smart, Nothing Less.





DELTA 383

MADMETAL GOLD

Auto-darkening welding helmet
Precision protection. Nothing less.

The **DELTA 383 MADMETAL** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 93x43 mm, 2 high-speed digital sensors, and a replaceable CR2032 battery, it ensures active and reliable protection at all times.

Its 3-point harness with integral padding provides maximum comfort, while the external shade regulation **DIN 9-13** allows quick and precise adjustment.

Additionally, the filter with technology REAL COLOR offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience and free from eye fatigue.

Filter with technology REAL COLOR for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

- Comfortable design
- High-Speed Sensors
- REAL COLOR
- External Shade **DIN 9-13**
- Mode **GRINDING DIN 4**
- Power Supply **CR2032**
- Structure Robust & Light
- **ErgoLock 3X™ System** Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	93x43 mm
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Sensitivity Regulation	INTERNAL
Shade Regulation	GRIND 4, ADJUSTABLE DIN 9-13
Vision Type	COLOR HD REAL COLOR
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSD-383-GLD

WELDSTER

Robustly Smart, Nothing Less.





DELTA 383

MADMETAL GREEN

Auto-darkening welding helmet
Precision protection. Nothing less.

The **DELTA 383 MADMETAL** helmet by Weldster combines a radical design with advanced technology for the modern welder. Equipped with a wide viewing area of 93x43 mm, 2 high-speed digital sensors, and a replaceable CR2032 battery, it ensures active and reliable protection at all times. Its 3-point harness with integral padding provides maximum comfort, while the external shade regulation **DIN 9-13** allows quick and precise adjustment. Additionally, the filter with technology REAL COLOR offers enhanced protection against UV and IR radiation, providing a clearer, more stable visual experience and free from eye fatigue.

Filter with technology REAL COLOR for **UV/IR** protection. Advanced optical filtering that blocks ultraviolet and infrared radiation from the welding arc. Improves visual comfort and significantly reduces eye fatigue.

Excellent performance in **MMA, FLUX CORED, MIG, MAG and TIG** processes. Provides continuous protection against radiation and sparks. Equipped with a gold filter that provides relaxing visual comfort.

Comfortable design

High-Speed Sensors

REAL COLOR

External Shade **DIN 9-13**

Mode **GRINDING DIN 4**

Power Supply **CR2032**

Structure Robust & Light

ErgoLock 3X™ System Comfort Points

TECHNICAL SPECIFICATIONS

Viewing Area	93x43 mm
Weight	0.4 Kg
Power Supply	HYBRID, SOLAR + REPLACEABLE BATTERY (2032)
Response Time	1/25000s.
Modes	MMA / TIG / MIG
Minimum Amperage	15AMP
Shade Regulation	GRIND 4, ADJUSTABLE DIN 9-13
Vision Type	COLOR HD REAL COLOR
Material	ROBUST PP
Certifications	ANSI / CSA Z87.1 2010

DSD-383-GRN

WELDSTER

Robustly Smart, Nothing Less.



WELDING **CONSUMABLES**
WELDING AND FILLER MATERIALS

2025

weldster.com

RODSTER 6010
DWF-610

Classifications

EN ISO 2560-A	EN ISO 2560-B	AWS A5.1	AWS A5.1M
E 38 0 C 2 2	E 43 11 A	E 6010	E 4310

Features and application types

Electrode with special cellulosic-sodium coating with iron powder. It has excellent arc transfer, very good penetration and arc stability. An excellent electric arc with easy operation allows working in all positions. It can be used with drag technique and provides very good radiographic quality.

Base materials

Designed for joint welding of oil pipelines, gas pipelines, shipbuilding, carbon steel structures and pressure vessels.

Weld analysis

C 0.11	SI 0.36	MN 0.63	P 0.015
S 0.013	Ni 0,02	Cr 0.03	V 0.01

Mechanical properties

Tensile strength	Yield strength	Elongation	Charpy V-notch impact resistance at -29 °C
43.5-50.5 Kg /mm2	36.5 43.5 Kg/mm2	22-33%	27-100 Joules.

NOTE: Tests performed under AWS A5.1

Operating data

POSITIONS	POLARITY	PACKAGING	IDENTIFICATION	ØMM.	Ø MM.	L MM.	AMPS (A)
	DC+ / DC - Negative or Positive polarity	20 KG	DRF-610-M25 DRF-610-M32 DRF-610-M40 DRF-610-M50	2.5 3.2 4.0 4.8	3/32 1/8 5/32 3/16	300 350 350 450	50-90 70-120 90-155 120-180

REV. 2025-2

RODSTER 6011
DWF-611

Classifications

EN ISO 2560-A	EN ISO 2560-B	AWS A5.1	AWS A5.1M
E 38 2 C 12	E 43 11	E 6011	E 4311

Features and application types

Electrode with special coating that characterizes its smooth operation, forming very good penetration due to its special cellulosic coating. It generates low material loss from spatter. Its radiographic quality is superior to grade 2 of the AWS A 5.1 specification. Works with alternating current and direct current electrode positive. Maintain a medium-length arc.

Base materials

Used for welding all types of low carbon steel, pipe joints, shipbuilding, carbon steel structures and pressure vessels. Ideal for work on ZINC-coated sheets.

Weld analysis

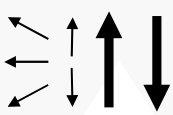
C 0.08	SI 0.31	MN 0.58	P 0.017
S 0.018	Ni 0,02	Cr 0.03	V 0.01

Mechanical properties

Tensile strength	Yield strength	Elongation	Charpy V-notch impact resistance at -29 °C
44.3-52.5 Kg /mm2	36.5 43.5 Kg/mm2	22-35%	27-100 Joules.

NOTE: Tests performed under AWS A5.1

Operating data

POSITIONS	POLARITY	PACKAGING	IDENTIFICATION	Ø MM.	Ø MM.	L MM.	AMPS (A)
	AC or DC+ / DC - Negative or Positive polarity	20 KG	DRF-611-M25 DRF-611-M32 DRF-611-M40	2.5 3.2 4.0	3/32 1/8 5/32	300 350 350	50-80 70-115 90-160

REV. 2025-2

RODSTER ECO-PLUS
DWF-613

Classifications

EN ISO 2560-A	EN ISO 2560-B	AWS A5.1	AWS A5.1
E 38 0 R 11	E 43 13A	E 6013	E 43 13A

Features and application types

Electrode with special European coating, easy to handle, developed for welds requiring medium penetration.
The deposited metal produces a uniform, smooth layer, without notches or undercuts, leaving beads with excellent appearance and easy slag removal. Works with alternating current or direct current with negative (-) or positive (+) polarity. Generates less smoke.

Base materials

Designed for general iron construction, metal fabrication with thin sheet, manufacturing of doors, windows, grilles, ducts, body assembly and general ornamentation.

Weld analysis

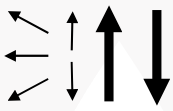
C 0.06	SI 0.35	MN 0.40	P 0.020
S 0.011	Ni 0.02	Cr 0.03	V 0.01

Mechanical properties

Tensile strength	Yield strength	Elongation	Charpy V-notch impact resistance at -29 °C
42-52. Kg /mm2	34- 44 Kg/mm2	22-28%	40-110 Joules..

NOTE: Tests performed under AWS A5.1

Operating data

POSITIONS	POLARITY	PACKAGING	IDENTIFICATION	ØMM.	Ø MM.	L MM.	AMPS (A)
	AC or DC+ / DC - Negative or Positive polarity	20 KG	DRF-611-M25 DRF-611-M32 DRF-611-M40	2.5 3.2 4.0	3/32 1/8 5/32	300 350 350	50-90 70-120 90-155

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RODSTER BASIC-18

DWF-718

Classifications

EN ISO 2560-A	EN ISO 2560-B	AWS A5.1	AWS A5.1
E 42 3 B 32 H10	E 49 18 A U H10	E 7018	E 4918

Features and application types

Electrode with special basic low-hydrogen coating, designed for use with direct current, positive polarity (+). It presents excellent transfer and stability. An excellent electric arc with easy operation allows working in all positions. A short arc is recommended, avoiding abrupt movements. It presents a high deposition rate and low spatter losses.

Base materials

Designed for joint welding of oil pipelines, gas pipelines, shipbuilding, carbon steel structures and pressure vessels, ideal for structures, boilers, railroad cars, etc.

Weld analysis

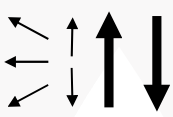
C 0.07	SI 0.61	MN 0.87	P 0.015
S 0.011	Ni 0.02	Cr 0.03	V 0.01

Mechanical properties

Tensile strength	Yield strength	Elongation	Charpy V-notch impact resistance at -29 °C
51-59 Kg /mm2	43.5- 51 Kg/mm2	23-36 %	29-70 Joules.

NOTE: Tests performed under AWS A5.1

Operating data

POSITIONS	POLARITY	PACKAGING	IDENTIFICATION	Ø MM.	Ø MM.	L MM.	AMPS (A)
	DC+ / DC - Negative or Positive polarity	20 KG	DRF-718-M25 DRF-718-M32 DRF-718-M40 DRF-718-M50	2.5 3.2 4.0 4.8	3/32 1/8 5/32 3/16	300 350 350 350	70-100 100-145 135-200 170-270

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MIGSTER C-S6

DWF-CS6

Classifications

EN ISO 14341 A	EN ISO 14341 B	AWS A5.18	KS D7025
G 42 2 C G3Si 1	Y GW12	E ER70S6	G49A 3C G6

Features and application types

Solid wire with high levels of Silicon and Manganese that provide excellent deoxidation characteristics, especially when welding oxidized sheets. It presents a very fluid arc and therefore a flatter weld bead. Works with CO2 or argon CO2 or oxygen mix, can work in all positions when configured for short circuit transfer.

Base materials

Designed for joint welding of thin sheets, used in shaft repair, tank manufacturing, car bodies, agricultural implements, automobile rims, vessels, structures, etc.

Weld analysis

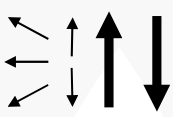
C 0.07	SI 0.86	MN 1.53	P 0.012
S 0.007	Ni 0.50		

Mechanical properties

Tensile strength	Yield strength	Elongation	Charpy V-notch impact resistance at -29 °C
50-60.5 Kg /mm2	42 52.5 Kg/mm2	22-30%	27-120 Joules.

NOTE: Tests performed under AWS A5.1

Operating data

POSITIONS	POLARITY	PACKAGING	IDENTIFICATION	Ø MM.	Ø MM.	L MM.	AMPS (A)
	CV Constant Voltage Positive Polarity	1 kg ,5Kg,15kg 1Kg,5 Kg, 15Kg 5Kg, 15 Kg 15 Kg	DWF-CS6-X08 DWF-CS6-X09 DWF-CS6-X12 DWF-CS6-X16 X = 1 (1KG) 5 (KG) B (15KG)	0.8 0.9 1.2 1.6	0,030 0.035 0.045 0.062	1-5-15 1-5-15 5-15 15	60-160 80-220 100-340 250-500

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FLUXSTER

Classifications

EN ISO 17632-A	EN ISO 17632-B	AWS A5.20-13	KS D 7104
T 42 Z V N 1	T 49 Z TG -1NS	E 71T-GS	JIS Z 3313

Features and application types

Self-shielded flux-cored wire designed to work in all positions. Excellent for single or multiple pass use, provides a smooth and very stable arc with easy slag removal and low spatter.

Base materials

Designed for joint welding of carbon steel sheets and galvanized sheets, ideal for field work in ornamentation and metalworking, ideal for welding structures, machinery parts repair, car bodies, tanks, pressure pipes and tanks.

Weld analysis

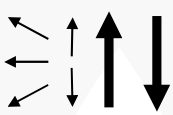
C 0.10	SI 0.10	MN 0.55	P 0.014
S 0.006	Ni 1.21		

Mechanical properties

Tensile strength	Yield strength	Elongation	Charpy V-notch impact resistance at -29 °C
70 Kg /mm2	44 Kg/mm2	22 %	27-100 Joules.

NOTE: Tests performed under AWS A5.1

Operating data

POSITIONS	POLARITY	PACKAGING	IDENTIFICATION	Ø MM.	Ø MM.	L MM.	AMPS (A)
	CV - CC	1Kg	DWF-FLX-108	0.8	0,030	16-18	80-120
	DC+ / DC -	1Kg	DWF-FLX-109	0.9	0.035	18-24	80-180
	Negative	5Kg	DWF-FLX-512	0.8	0.045	16-18	80-120
	polarity	5Kg	DWF-FLX-509	0,9	0.062	18-24	80-180

X = 1 (1KG) 5 (KG) B (15KG)

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