

Kempact RA

NEW STANDARDS IN THE COMPACT MIG/MAG CLASS



26.04.2024



Designed for welders



Kempact RA



NEW STANDARDS IN THE COMPACT MIG/MAG CLASS

Designed for the modern welding workshop, Kempact RA expresses stylish and purposeful design through high build quality and functional user benefits, making weld tasks productive, accurate and efficient.

Kempact RA is built on Kemppi's latest power source platform, ensuring optimal welding performance and excellent power cost efficiency. Eleven model options include 180, 250 and 320 ampere power sources, including a choice of either Regular (R) or Adaptive (A) control panel interface, which serve the wide ranging needs of metal fabrication workshops. Delivery specification includes welding gun and earth return lead pack.

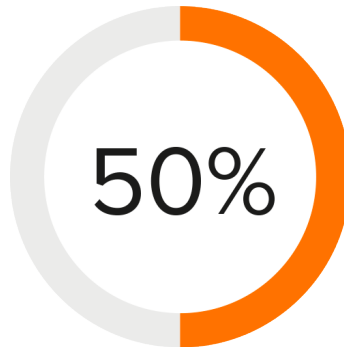


KEY BENEFITS



SAVINGS ON ENERGY COSTS

Compared to conventional step-controlled power sources



FASTER MACHINE SETTING

Using the memory channels



KEMPPI WARRANTY

Covers machine parts and labor

BENEFITS

- Modern, energy efficient power source
- Excellent welding performance with mixed or CO₂ shielding gas
- Precise, clean arc ignition
- Maximum output at 35 % duty cycle
- Large, clear LCD display
- WireLine™ service indicator
- GasMate™ chassis design featuring floor level cylinder loading
- Brights™ cabinet lighting
- HotSpot™ heat treatment function
- 2T/4T gun switch latching
- Spot and cycle arc timer
- Parts storage trays
- Kempfi 3+ warranty



PRODUCT OPTIONS



Kempact 251A

Kempki K5 compact welder for cost-efficient MIG/MAG welding, delivering 250 A with a 1-phase 240 V power supply. Kempact 251A includes an Adaptive control panel, 2-roll wire drive unit (GT02C), Flexlite GX welding gun and earth return lead pack.



Kempact 251R

Kempki K3 compact welder for cost-efficient MIG/MAG welding, delivering 250 A with a 1-phase 240 V power supply. Kempact 251R includes a Regular control panel, 2-roll wire drive unit (GT02C), Flexlite GX welding gun and earth return lead pack.



Kempact 253 AMV

Kempki K5 compact multi-voltage MIG/MAG welder, delivering 250 A with a 3-phase 230-400 V power supply. Kempact 253 AMV includes an Adaptive control panel, DuraTorque 4-roll wire drive unit, Flexlite GX welding gun and earth return lead pack.



Kempact 253A

Kempki K5 compact welder for cost-efficient MIG/MAG welding, delivering 250 A with a 3-phase 400 V power supply. Kempact 253A includes an Adaptive control panel, DuraTorque 4-roll wire drive unit, Flexlite GX welding gun and earth return lead pack.



Kempact 253R

Kempki K3 compact welder for cost-efficient MIG/MAG welding, delivering 250 A with a 3-phase 400 V power supply. Kempact 253R includes a Regular control panel, DuraTorque 4-roll wire drive unit, Flexlite GX welding gun and earth return lead pack.



Kempact 323 AMV

Kempki K5 compact multi-voltage MIG/MAG welder, delivering 320 A with a 3-phase 230-400 V power supply. Kempact 323 AMV includes an Adaptive control panel, DuraTorque 4-roll wire drive unit, Flexlite GX welding gun and earth return lead pack.



Kempact 323 RMV

Kempki K3 compact multi-voltage MIG/MAG welder, delivering 320 A with a 3-phase 230-400 V power supply. Kempact 323 RMV includes a Regular control panel, DuraTorque 4-roll wire drive unit, Flexlite GX welding gun and earth return lead pack.



Kempact 323A

Kempki K5 compact welder for cost-efficient MIG/MAG welding, delivering 320 A with a 3-phase 400 V power supply. Kempact 323A includes an Adaptive control panel, DuraTorque 4-roll wire drive unit, Flexlite GX welding gun and earth return lead pack.



Kempact 323R

Kempki K3 compact welder for cost-efficient MIG/MAG welding, delivering 320 A with a 3-phase 400 V power supply. Kempact 323R includes a Regular control panel, DuraTorque 4-roll wire drive unit, Flexlite GX welding gun and earth return lead pack.



FEATURES



Turn on the heat with HotSpot

Perfect for vehicle repair and thin sheet fabrication environments, the HotSpot™ function with four different heat settings makes metal shrinking and component heating simple and convenient. Simply fit the carbon electrode set to the FE welding gun and activate HotSpot™ on the control panel. An electrical circuit is formed once the carbon electrode touches the work piece, which gently heats the metal's surface. HotSpot™ can also be used to heat and help release corroded nuts and bolts and other metal components.



Floor level design

GasMate chassis design makes gas cylinder collection, storage and movement easy. Gas cylinders are floor level loaded and secured with a strong fabric webbing system.



Kempact RA gets the job done

Kempact RA is ideal for a variety of MIG/MAG welding applications. From vehicle repair to light and medium fabrication workshops, Kempact RA is an equipment that gets the job done, simply and reliably.



Special features in Kempact Adaptive (A) models

In addition to all standard features provided in Regular panels with manual set-up, Adaptive panels include plate thickness control, filler materials selection and four memory channels combined with an adaptive mode set-up for your convenience.



Special features in Kempact Regular (R) models

Regular (R) models provide manual setup function for voltage and wirefeed speed and incorporate a wide range of standard features including, GAS type selection, 2T/4T gun latching mode, SPOT/CYCLE arc timer and HOT SPOT function, a specialist localised heat treatment function for professional thin sheet fabricators and automotive repair engineers.



ACCESSORIES



Flexlite GXe

The Flexlite GXe is a reliable, high-quality MIG/MAG torch series with optimized ergonomics and excellent welding performance.



Carbon electrode holder



Carbon electrode 10-100



TECHNICAL SPECIFICATIONS

Kempact

Kempact 251R

Kempact 253R

Connection voltage 1~ 50/60 Hz	240 V ±15%	
Connection voltage 3~ 50/60 Hz		400 V ±15%
Fuse (delayed)	20 A	10 A
Welding range	10 V/20 A–29 V/250 A	10 V/20 A–31 V/250 A
Open circuit voltage	36V	38V
Wire feed speed adjustment	1.0 - 18.0 m/min	1.0 - 18.0 m/min
Filler wire sizes (Fe solid)	0.8...1.2 mm	0.8...1.2 mm
Filler wire sizes (Fe cored)	0.8...1.2 mm	0.8...1.2 mm
Filler wire sizes (Ss)	0.8...1.2 mm	0.8...1.2 mm
Filler wire sizes (Al)	1.0...1.2 mm	1.0...1.2 mm
Operating temperature range	-20...+40 °C	-20...+40 °C
External dimensions LxWxH	623 × 579 × 1070 mm	623 × 579 × 1070 mm
Weight (no accessories)	44 kg	44 kg
Degree of protection	IP23S	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10, IEC 61000-3-12	IEC 60974-1, IEC 60974-5, IEC 60974-10

Kempact

Kempact 323R

Kempact 323 RMV

Connection voltage 3~ 50/60 Hz	400 V ±15%	230 V -15%...400 V +15%
Fuse (delayed)	10 A	16A (230V) 10A (400V)
Welding range	10 V/20 A–32.5 V/320 A	10 V/2 0A–32.5 V/320 A
Open circuit voltage	40V	40V
Wire feed speed adjustment	1.0 - 20.0 m/min	1.0 - 20.0 m/min
Filler wire sizes (Fe solid)	0.8...1.2 mm	0.8...1.2 mm
Filler wire sizes (Fe cored)	0.8...1.2 mm	0.8...1.2 mm
Filler wire sizes (Ss)	0.8...1.2 mm	0.8...1.2 mm
Filler wire sizes (Al)	1.0...1.2 mm	1.0...1.2 mm
Operating temperature range	-20...+40 °C	-20...+40 °C
External dimensions LxWxH	623 × 579 × 1070 mm	623 × 579 × 1070 mm
Weight (no accessories)	44 kg	44 kg
Degree of protection	IP23S	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10	IEC 60974-1, IEC 60974-5, IEC 60974-10

ACCESSORIES

Carbon electrode holder

Product code	9592106
--------------	---------



Carbon electrode 10-100

Product code	4192160
--------------	---------

WWW.KEMPPI.COM

Kemppi is the design leader in the arc welding industry. We are committed to boosting the quality and productivity of welding by continuous development of the welding arc and by working for a greener and more equal world. Kemppi supplies sustainable products, digital solutions, and services for professionals from industrial welding companies to single contractors. The usability and reliability of our products is our guiding principle. We operate with a highly skilled partner network covering over 70 countries to make its expertise locally available. Headquartered in Lahti, Finland, Kemppi employs close to 800 professionals in 16 countries and has a revenue of 195 MEUR in 2022.

