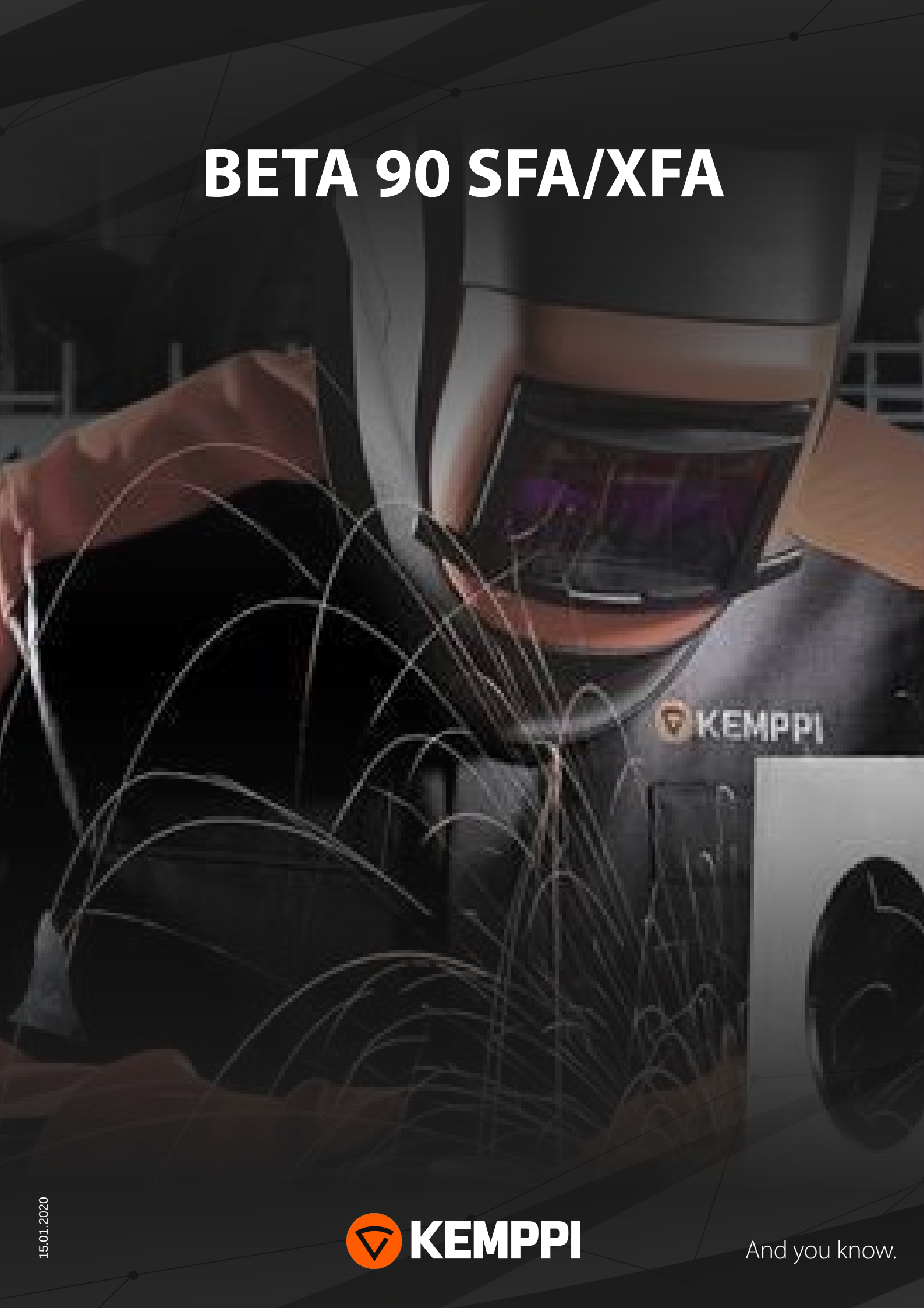


BETA 90 SFA/XFA



15.01.2020



And you know.



BETA 90 SFA/XFA



Beta SFA/XFA respirators provide cool and clean breathing air, from either a PFU 210e battery powered filter unit offering optimal freedom of movement around the workspace, or a supplied breathing air solution where the airflow is regulated from the RSA 230. Although the movement is controlled to a local area, supplied air solutions suit applications where welding and shielding gases may build up displacing the breathing air. Beta SFA/XFA models are certified with a maximum inward leakage level of 2 % and when connected to the PFU 210e filter unit, offer the option of combined particle and gas filtration.



KEY BENEFITS



EASY BREATHING

Positive pressure design makes breathing effortless and keeps dangerous welding fumes out.



CLEAN AND SAFE BREATHING AIR

The highly efficient filter filters no less than 99.998 % of the airborne particles.

BENEFITS

- Beta 90 SFA/XFA
- For welding, tacking, cutting, grinding, inspection
- Battery powered PAPR or airline supplied models
- XFA model features LiFE+ Color ADF technology including shades 14 and 15
- EN 175 B, AS/NZS 1337.1, EN 12941 TH2 and AS/NZS 1716
- Particle and gas filter options
- Fast charging PAPR battery packs
- Leather belt and metal buckle
- Comfort headband
- Magnifying lens option



PRODUCT OPTIONS



Beta 90 SFA

TH2 rated PAPR package, featuring solutions for both particle and gas filtration. Package contains Beta 90 SFA welding helmet, auto-darkening welding filter SA 47, powered air respirator PFU 210e, air hose, pre-filter, particle filter, battery 3.2 Ah, battery charger, flow meter.



Beta 90 XFA

TH2 rated PAPR package, featuring solutions for both particle and gas filtration. Package contains Beta 90 XFA welding helmet, auto-darkening welding filter XA 47, powered air respirator PFU 210e, air hose, pre-filter, particle filter, battery 3.2 Ah, battery charger, flow meter.



Beta 90 SFA Airline

Welder's respirator for connection to a supplied breathing air source. Package contains Beta 90 SFA welding helmet, auto-darkening welding filter SA 47, supplied air regulator RSA 230, air hose and air hose adapter for RSA 230, flow meter.



Beta 90 XFA Airline

Welder's respirator for connection to a supplied breathing air source. Package contains Beta 90 XFA welding helmet, auto-darkening welding filter XA 47, supplied air regulator RSA 230, air hose and air hose adapter for RSA 230, flow meter.



ACCESSORIES



PFU 210e

Powered Filter Unit representing the highest level of filtration performance. PFU 210e is available with both Gamma GTH3 and Beta 90 SFA/XFA respirator systems. It offers selectable fan speeds of 160 lpm and 210 lpm (gas filter smart sense technology 160 lpm), battery and filter status indicators, and a choice of either standard duty or heavy-duty batteries.



PFU 210e

Following filters are available for PFU 210e respirator: Spark arrester, pre-filter, particle filter, odor filter and gas filter. For further information regarding Kemppi filters and their ordering, please see the Safety Catalogue.



RSA 230

Belt mounted supplied air regulator. It enables a controlled air flow to the welder's respirator head-top, and is supplied together with Gamma and Beta supplied air models. Features a replaceable silencer, decreasing audible airflow noise.



SA 47

Auto-darkening welding filter featuring shade adjustment 9-13, plus grinding mode.



XA 47

Auto-darkening welding filter featuring LiFE+ Color ADF technology that provides greater clarity of vision. Shade adjustments: 5, 8, 9-13 and 14, 15.



TECHNICAL SPECIFICATIONS

Beta 90 SFA

Product code	9873300
Weight	615 g
Operating temperature	-5...+55 °C
EN 175	S-B
EN 12941	TH2
AS/NZS 1716;	P1
Welding filter	SA 47
View size	97 x 47 mm
Filter dimension	110 x 90 mm
Shade range	9-13
ADF light state	4
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	No
Grinding fuction (yes/no)	Yes
PAPR	PFU 210e

Beta 90 XFA

Product code	9873302
Weight	615 g
Operating temperature	-5...+55 °C
EN 175	S-B
EN 12941	TH2
AS/NZS 1716;	P1
Welding filter	XA 47
View size	97 x 47 mm
Filter dimension	110 x 90 mm
Shade range	9-15
ADF light state	4
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	Yes
Grinding fuction (yes/no)	Yes
PAPR	PFU 210e



Beta 90 SFA Airline

Product code	9873301
Weight	634 g
Operating temperature	-5...+55 °C
EN 175	S-B
Welding filter	SA 47
View size	97 x 47 mm
Filter dimension	110 x 90 mm
Shade range	9-13
ADF light state	4
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	No
Grinding function (yes/no)	Yes
Supplied air regulator	RSA 230

Beta 90 XFA Airline

Product code	9873303
Weight	634 g
Operating temperature	-5...+55 °C
EN 175	S-B
Welding filter	XA 47
View size	97 x 47 mm
Filter dimension	110 x 90 mm
Shade range	9-15
ADF light state	4
ADF switching time	0.1 ms
LiFE+ Color (yes/no)	Yes
Grinding function (yes/no)	Yes
Supplied air regulator	RSA 230

ACCESSORIES

PFU 210e

Product code	SP011996
Weight	2510 g
Operating temperature	-5...+55 °C
Minimum air flow	160 l/min
Maximum air flow	210 l/min
Battery type	Li-ion
Battery charging time (80%)	1.5 h (SD) / 2.5 h (HD)
Battery lifetime (charging cycles)	500



RSA 230

Product code	SP011617
Weight	1600 g
Length of supply air hose	10 - 30 m
Required supply air pressure	550 - 600 kPa
Minimum air flow	160 l/min
Maximum air flow	400 l/min

WWW.KEMPPI.COM

Kemppi is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 800 welding experts in 17 countries and has a revenue of more than 150 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

