

Technical Data*	FRIAMAT 7 Basic	FRIAMAT 7 Prime	FRIAMAT Basic eco	FRIAMAT Prime eco	FRIAMAT 4 110V
					
Technology	Converter technology with active cooling	Converter technology with active cooling	Torioidal transformer technology with active cooling	Torioidal transformer technology with active cooling	Torioidal transformer technology with active cooling
Order no.	611130 (version with 1D mini scanner) 614130 (version with 1D/2D scanner)	611134 (version with 1D mini scanner) 614134 (version with 1D/2D scanner)	611120 (version with 1D mini scanner) 614120 (version with 1D/2D scanner)	611124 (version with 1D mini scanner) 614124 (version with 1D/2D scanner)	611129 (version with 1D/2D scanner) 614129 (version with 1D/2D scanner)
Fusion range dimension	at least d 1200	at least d 1200			
Input voltage section/frequency range	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	110V / 50Hz
Power	3.5 kW	3.5 kW	3.5 kW	3.5 kW	3.5 kW
Fusion voltage	8 – 48 V	8 – 48 V			
Output current	maximum 110 A	maximum 110 A	maximum 110 A	maximum 110 A	maximum 110 A
Barcode types	1D : Code 2/5 interleaved 2D: ISO 12176-5	1D : Code 2/5 interleaved, Code 128 2D: ISO 12176-5	1D : Code 2/5 interleaved 2D: ISO 12176-5	1D : Code 2/5 interleaved, Code 128 2D: ISO 12176-5	1D : Code 2/5 interleaved, Code 128, ASTM F2897 2D: ISO 12176-5
Interface	USB	USB Bluetooth	USB	USB Bluetooth	USB Bluetooth
Documentation of fusion data and traceability data	-	yes	-	yes	yes
Data memory	-	20.000 logs	-	20.000 logs	20.000 logs
Log format	-	PDF / CSV	-	PDF / CSV	PDF / CSV
FRIAMAT preCHECK function	yes	yes	yes	yes	yes
Software update	via USB interface	via USB interface	via USB interface	via USB interface	via USB interface
Operator pass	-	Optional (Order no. 623100)	-	Optional (Order no. 623100)	Optional (Order no. 623100)
Supervisor menu	-	yes	-	yes	-
Working temperature range	-20 °C ... +50 °C	-20 °C ... +50 °C			
Mains cable	5 m with EU-plug*	5 m with EU-plug*	5 m with EU-plug*	5 m with EU-plug*	5 m with Twistlock 32A
Fusion cable	4 m with fusion connectors ø 4 mm	4 m with fusion connectors ø 4 mm			
Weight	about 12.8 kg	about 12.8 kg	about 18 kg	about 18 kg	about 20 kg
Dimensions D x W x H	550 x 310 x 380 mm	551 x 310 x 380 mm	552 x 310 x 380 mm	553 x 310 x 380 mm	554 x 310 x 380 mm
Languages	23*	23*	23*	23*	3
Casing	Protection category IP 54 / protection class I	Protection category IP 54 / protection class I	Protection category IP 54 / protection class I	Protection category IP 54 / protection class I	Protection category IP 54 / protection class I
Accessories	transport box, operating instructions,	transport box, operating instructions,			
Special transport case (optional)	627601 (special plastic case with transport wheels)	627601 (special plastic case with transport wheels)			

* Subject to technical modifications.

① Version with EU plug; other plug types on request

② With FRIAMAT, FRIALEN and FRIAFIT safety fittings up to d 900 can be fused in the entire working temperature range from -20 °C to +50 °C. Utilising processing fittings from other manufacturers is possible even up to d 1200 and possibly larger. However, the specific power requirement of the fitting at the prevailing processing temperature must always be clarified beforehand with the fitting manufacturer.

③ A 1D/2D scanner or smartphone with the Workflow app is required to read the 2D code ISO1276-5

④ The Bluetooth function is not available for all countries.