

Processing unit EC 120



Light, robust, reliable and EU certified

The EC 120 offers uncompromising uptime, simple operation and is easily expandable to support new HAENNI scales and user requirements. Ideal to be used in harsh environments, it provides an easy, fast way to display, store and print the loads measured by HAENNI scales with a digital interface.

Application	Measurement of wheel and axle loads and calculation of sub-total and total weight of vehicles
Storing capacity	Legally relevant data storage for at least 90 days
Supported products	WL104, WL108, WL 400
Temp. range	-10...+50 °C
Accuracy	EU Type Approval
Execution	Waterproof (case closed, IP 67)
Supply	Integrated rechargeable batteries for 140 h operation. Charge time: 6 h. Recharge and operate using a 12 V car battery or AC adapter
Interface	Cable, wireless
Display	True sunlight readable monochrome LCD with 320 · 240 pixels.
Languages	All languages written from left to right can be displayed and printed with support of Unicode.
Weight	5.2 kg
Printout	Paper width: 58 mm Font size: 3 mm / 1.5 mm Print Speed : 25 mm/s

Operation

The EC 120 processing unit is a lightweight, compact, waterproof, and exceptionally robust device. Featuring a wireless connection option and an unparalleled battery life, it surpasses traditional laptops and printers, making it the ideal tool for use anytime, anywhere. For pre-selection, reading results is effortless with the sunlight-readable monochrome LCD. For immediate enforcement, the integrated printer provides a printout containing all pertinent information. Deductions, vehicle catalog details, and other customer-specific queries can be preset during setup. Additionally, the device can be customized to adhere to local legislation and conditions, and the printout layout is entirely customizable.

Measured weights are securely stored on the SD card in compliance with calibration regulations, safeguarding against fraud.

Consumables

Designation		Ordering No.
Paper roll	58mm width	E 15407.0

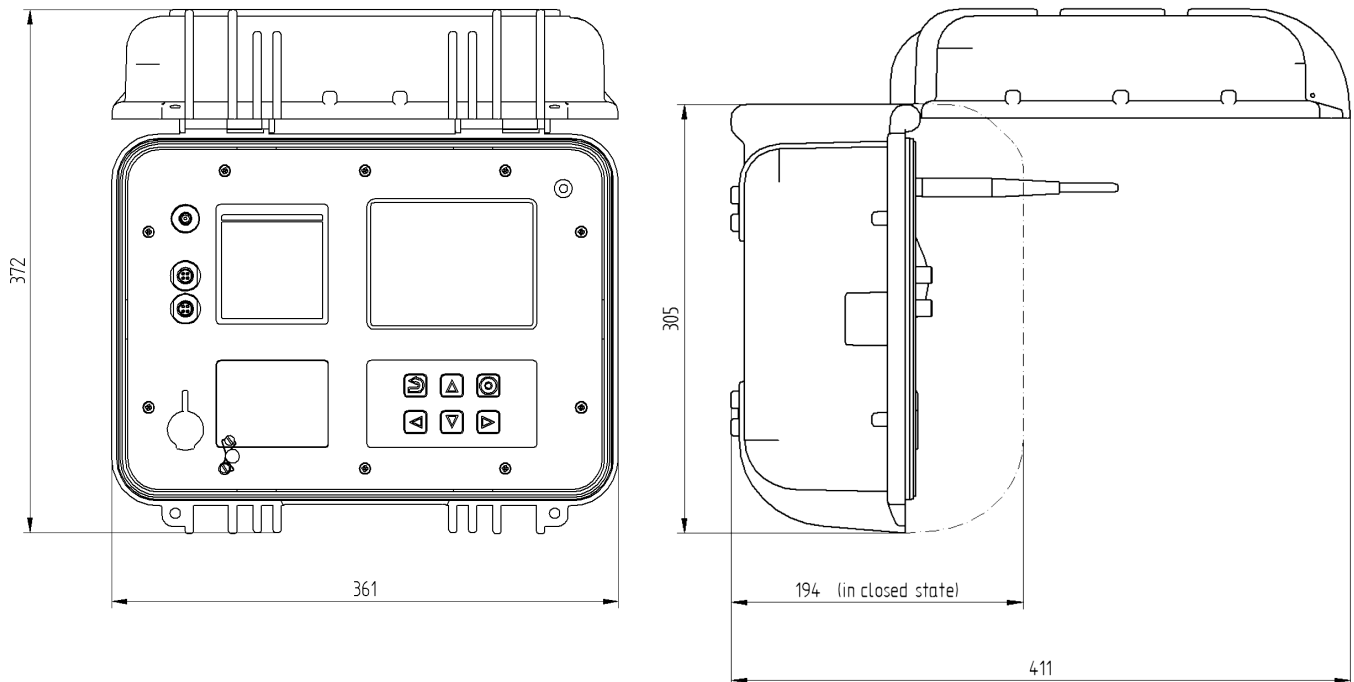
Selection Chart

Ordering example:	EC 120 / 1 4 1 . 3 9 1 / 00Y
Supported products	Standard WL 104, WL 108, WL 400
	1 4 1 . 3 9 1



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Dimensions



Technical Specification

Parameter		Value
Battery	Capacity	96 Wh
	Operating time	140 h
	Charging time	6 h
	Technology	Lithium-Ion
Interface	Communication	Radio and cable
	Power supply for scales via cable	15 V
Printer	Paper width	58 mm
	Font size	3 mm / 1.5 mm
	Print speed	25 mm/s
Display	Type	True sunlight readable monochrome LCD
	Resolution	320 · 240 Pixel
	Height of characters	8 mm
Keyboard	Type	Membrane touch
	Number of keys	6
Temperature range	In operation	-10 ... 50° C
	Storage	-25 ... 60° C
	Charging	0 ... 40° C
Permissible relative humidity		<98%
Type of protection (case closed)		IP 67
Weight		5.2 kg
Dimensions	(L x W x H)	361 mm x 305 mm x 194 mm

