

# MLE-F Portable Container Scale

## Applications

- Container scales
- Point of center gravity determination for machines and systems

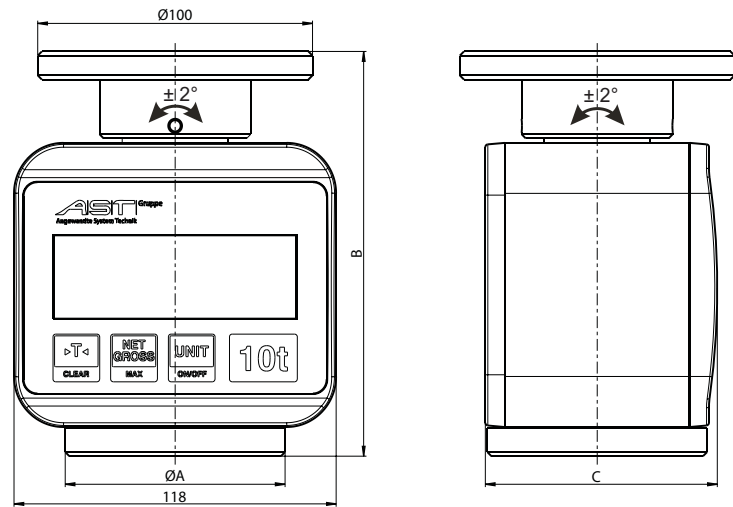
## Special Features

- Easy to handle
- Transportable due to battery operation
- Rated load per load cell 20t/ 40t/ 80t/ 100t
- Accuracy better than 0.2 % per load cell



## Dimensions in mm

Type Code	A	B	C
MLE-F 4 x 5t – FFB 204	Ø 80	144	85
MLE-F 4 x 10t – FFB 204	Ø 80	144	85
MLE-F 4 x 20t – FFB 204	Ø100	163	91
MLE-F 4 x 25t – FFB 204	Ø100	163	91



## Type Codes

Type Code	Weight	Description	Accessories
MLE-F 4x 5t – FFB 204	27 kg	Portable load cell 4 x 5 t with remote control	Case, USB-cable, documentation
MLE-F 4x 10t – FFB 204	27 kg	Portable load cell 4 x 10 t with remote control	Case, USB-cable, documentation
MLE-F 4x 20t – FFB 204	35 kg	Portable load cell 4 x 20 t with remote control	Case, USB-cable, documentation
MLE-F 4x 25t – FFB 204	35 kg	Portable load cell 4 x 25 t with remote control	Case, USB-cable, documentation

## Options

Type Code	Description	Note!
XKW 221	works calibration	per load cell

## Specifications Load Cells

Accuracy Class per Load Cell	% S	0.2*
Rated load (=S)	t	4x5t/ 4x10t/ 4x20t/ 4x25t
Safe overload	% S	150
Ultimate overload (F <sub>B</sub> )	% S	> 500
Reference temperature (T <sub>ref</sub> )	°C	+23
Rated temperature range (B <sub>T,nom</sub> )	°C	-10 ... +50
Storage temperature range (B <sub>T,s</sub> )	°C	-20 ... +70
Environmental protection (EN 60529)		IP 54
Surface pressure per load cell	N/mm <sup>2</sup>	10N for 5t    20N for 10t 40N for 20t    50N for 25t
Max. permissible slope of underground	mm	2
Display		4 ½ -digit LCD
Range of indication +/-display definition		5.000t ± 1kg / 10.00t ± 10kg 20.00t ± 10kg /25.00t ± 10kg
Modes of display		measured value, (net <-> gross), maximum value undervoltage
Power supply per load cell	VDC	4.4 ... 6.4 (4xAA)
Operating time	h	140
Remote Control FFB 204		
Wave band	MHz	ISM-Band 868
Display rate	1/s	0.5
Range in visual connection	m	approx. 40
Display		5-digit LCD graphic display 128x64 pixel, illuminated
Range of indication/ total display definition		5.00t/ Σ 20.00t ± 10kg    10.00t/ Σ 40.00t ± 10kg 20.00t/ Σ 80.00t ± 10kg    25.00t/ Σ 100.00t ± 10kg
Modes of display		measured value, maximum value (net gross), balance / overload / charge of battery
Keypad		membrane keypad
Function		on-off / tare / gross / net / maximum /centre
Power supply per load cell	VDC	3.0 ... 4.8 (3xAA) or USB-Port
Operating time	h	approx. 40
Operating temperature range (B <sub>T,nom</sub> )	°C	-10 ... +50
Storage temperature range (B <sub>T,s</sub> )	°C	-20 ... +70
Environmental protection(EN 60529)		IP 54, Operating position, USB port locked
USB interface		Mini-USB-B connector, 5 pin
Weight without batteries	g	240
Dimensions (W x H x D)	mm	78 x 159 x 47

\* Depending on the application requirements of the load cell can vary the accuracy to about 1% of rated load!!

All data according to VDI/VDE/DKD 2638

Type Code	Description
MLE-F 4x10t - FFB 204	Portable load cell 4 x 10 t and FFB 204
	Remote receiver
	Rated (nominal) load
	Model