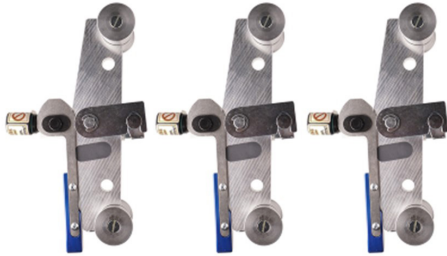




MOBILE WEIGHT

wurtec
wurtec.com



LSM-Belt Set for Otis, Schindler, or TKE



LSM1 Sensor



LSM-XL Sensor



Calibrating Rod

PRODUCT DESCRIPTION

The **Mobile Weight Watcher** is designed for load measurement and rope equalization in the field. Use this product to measure the weight of the car, CWT, and compensation assemblies; perform equalization of suspension means; and control and solve the issue of unnecessary, unequal wear of ropes and sheaves.

BENEFITS

- Increase life of hoist rope/suspension means
- Control and minimize wear on sheaves
- Accurate to $\pm 2.5\%$ Full Scale Resolution
- Convenient and accurate; no calibrating in the field with weights
- Improve maintenance and reduce costs
- Improve ride quality
- Easy to take from job to job
- Weigh cars and CWTs without hanging them; easier control of inherent challenges
- Sensors/control unit can be electronically "reset" (calibrated)
- Reliability and accuracy assured by outside testing and experience (adherence to process)
- User-friendly application
- **Generate documentation compliant with ASME A17.1-2025 8.6.4.1.3**
- Base system is foundation for ELVI 2.0 Electronic Testing System

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MOBILE WEIGHT

WHAT'S INCLUDED



Mobile Weight Watcher
w/ Protective Case

Part No.	Description
455206	6 LSM1 Sensors, Rolling Case with Protective Foam Insert
455306	6 LSM-XL Sensors in Pelican Case w/ Foam Insert, Wheels, & Telescoping Handle
455352	Cal-Checker for LSM-XL Sensors
455353-3M	3m Replacement Cable for LSM-XL (also available complete w/ sensor, part no. 455351-3M)
455355	Replacement Parts Kit for LSM-XL Sensor
455815, 455816, or 455817	3 LSM-Belt Sensors in Pelican Case w/ Foam Insert, Wheels, & Telescoping Handle; for Otis, Schindler, or TKE Respectively

MSM12
Unit



Technical Data for Control Unit Part No. 455112-06

Power Supply	Li Ion Battery 6.74 Ah
Measuring Channels (1 ea. per Rope)	12
Bandwidth	30 Hz
Sampling Rate	100 Hz
L x W x H	190 x 138 x 46 mm 7.5 x 5.5 x 1.375"
Ports	USB 1.1, Bluetooth Class 2

Technical Data for Load Measuring Sensors

Tech. Data	LSM1	LSM2	LSM-XL	LSM-Belt
Part No.	455600	455700	455351	455805, 455806, or 455807
Rope Dia.	6-16 mm 1/4-5/8"	4-10 mm 1/8-3/8"	9.5-24 mm 3/8-15/16"	30-60 mm 1-3/16"- 2-3/8"
Measuring Range	0-500 kg 0-1100 lb	0-300 kg 0-660 lb	200-2000 kg 440-4400 lb	0-500 kg 0-1100 lb
Maximum Load*	1000 kg 2200 lb	600 kg 1320 lb	4000 kg 8800 lb	1000 kg 2200 lb
Breaking Load	2000 kg 4400 lb	1200 kg 2600 lb	6000 kg 13200 lb	2000 kg 4400 lb
L x W x H	250 x 75 x 19 mm 10 x 3 x 1"	178 x 58 x 16 mm 7 x 3 x 5"	570 x 210 x 50 mm 22 x 9 x 2"	230 x 120 x 82 mm 9 x 5 x 3"
USB Cable Length	1 m 39"	1 m 39"	1.5 m 59"	1.5 m 59"
Temp. Range	0°-70° C 32°-158° F	0°-70° C 32°-158° F	0°-70° C 32°-158° F	0°-70° C 32°-158° F

*Measuring loads above the top of the measuring range of sensor may effect accuracy; attaching higher loads could also cause damage or effect calibration of the sensor; attaching to loads at "breaking" load will permanently damage sensor.

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