



Compatibility



Description

The **Door Pressure Meter 83500N** is an autonomous equipment designed to **measure the pressure of automatic doors**.

- ✓ Made of aluminium with anti-corrosion treatment
- ✓ USB / radio connection
- ✓ Possibility of configuring the number of measurements and the number of doors
- ✓ Possibility of repeating the measurement
- ✓ Storage in internal memory until being deleted
- ✓ Peak and hold value measurement

Technical Data and Dimensions

Nominal Force	350 N
Maximum force without loss of characteristics	500 N
Accuracy	1 %
Resolution	0.1 N
Operation temperature	- 10 °C / +65 °C
Threshold of sensitivity	50 N
Low pass filter cutoff frequency	100 Hz
Transceiver operation frequency	863 - 870 mHz
Maximum measurement deviation from calibrated value (±%)	± 0.4 N
Stiffness of the cell	10 + 0.2 N/mm
Protection	IP50
Power Supply	9 V Battery

Software features

- ✓ Possibility of evaluating results on screen
- ✓ Setting limits (peak and hold)
- ✓ Direct delivery of measured values
- ✓ Possibility to configure for the measurement of primary closing edges and secondary anti-compression closing edges
- ✓ Setting from the software the number of measurements and the number of doors

Software

Serial number: 1803040

Peak Sustained

	PRINCIPAL CLOSURE THRESHOLDS						SECONDARY CLOSURE THRESHOLDS		
	HALF (N)			15 CM (N)			Anti-compression (N)		
Peak Door 1:	536	430	209	646	107	232	195	159	141
Sustained Door 1:	429	264	128	528	86	125	128	100	97
Peak Door 2:	-	-	-	-	-	-	-	-	-
Sustained Door 2:	-	-	-	-	-	-	-	-	-
Peak Door 3:	-	-	-	-	-	-	-	-	-
Sustained Door 3:	-	-	-	-	-	-	-	-	-

MEASUREMENT FINISHED

smrw

Standard Equipment

- ✓ Door pressure dynamometer 83500N
- ✓ Software SMRW for analysis and data submission
- ✓ Wireless receiver
- ✓ Battery
- ✓ Transport suitcase

Optional Equipment

Optional equipment

Calibration certificate ENAC

2nd computer installation

