

AMX 520

decelerometer



The AMX520 and AMX520/M (A-meter[®]) allow to test break effectiveness of vehicles like trucks,

trailers, buses and tractors with a weight up to and above 3.5 tones, and in the case of a device in version AMX520 / M also motorcycles.

Features:

- low mass, quick mounting,
- acceleration measurement in two perpendicular axes,
- auto-leveling,
- compensation of seeming decelerations caused by cabin tilt while braking (*the diving effect*),
- built-in battery allows for in field measurements with power supply unplugged,
- internal storage of 10 measurements,
- dedicated PC software.

Certified for using in Vehicles Control Stations in Poland.



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AMX520 - technical specification:

Dimensions:	240 x 130 x 35 mm
Weight:	800 g
Operating temperature:	0 – 50 °C
Power supply:	
external	12 V / 0.5 A DC
built-in	6 x 1,2 V (Ni-Mh)
Current draw:	
without display backlight	40 mA
with display backlight	100 mA
Battery work time:	up to 40 h (w/o backlight)
Measurement range:	
accelerometer	± 1 g
force sensor	1 kN
Measurement resolution:	
accelerometer	± 0,01 g
force sensor	10 N
Language:	Polish, English, German, Russian, Spanish, Romanian, Croatian, Portuguese, Slovenian, Macedonian
PC software:	
hardware requirements	<ul style="list-style-type: none">✓ Hardware configuration compatible with requirements of supported operating systems.✓ One free RS232/COM or USB port. In case of using USB, the UBS<->RS232 is required.
operating system	<ul style="list-style-type: none">✓ MS Windows XP, Vista, 7, 8
Box content:	<ul style="list-style-type: none">✓ AMX520 decelerometer✓ train gauge sensor to measure a force applied to the brake pedal✓ instruction manual✓ warranty card✓ software CD✓ power supply✓ RS232 cable✓ carrying case
Options:	<ul style="list-style-type: none">✓ motorcycle holder for AMX520 with a carrying case (AMX520/M)✓ thermal printer✓ RS232-USB converter for PCs without RS232 but with USB ports

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