

Functionality	Coach 7	Coach 7 Lite
<b>Installation</b>	<b>License</b>	<b>Free</b>
Registration via website (desktop version only)	X	✓
Installation with password (for Lite for desktop version only)	✓	✓
Internet needed for installation (desktop version only)	✓	✓
<b>Measurement</b>	✓	✓
Opening pre-defined Measurement Activities	✓	✓
Creating new Measurement Activities	✓	X
Automatic sensor detection	✓	✓
Data collection via sensors (CMA, Vernier, 3B sensors)	✓	✓
Time-based measurement (with and without triggering),	✓	✓
Event-based measurement	✓	✓
Manual measurement (with/without sensors, with keyboard entries)	✓	✓
Calibration of sensors	✓	X
Storing calibration in EEPROM sensor memory	✓	X
Converting analogue sensor to a digital sensor (1-bit, counter, time interval and frequency meter)	✓	✓
Measurement with (synchronized) video capture	✓	X
<b>Control</b>	✓	✓
Opening pre-defined Control Activities	✓	✓
Creating new Control Activities	✓	X
Selecting actuators (CMA)	✓	✓
Manual control of actuators	✓	✓
Creating and Executing programs in predefined activities	✓	✓
Executing programs in Coach Language	✓	✓
Creating programs in Coach Language	✓	X
<b>Working with data</b>	✓	✓
Data can be displayed in graphs, meters and digital values	✓	✓
Standard graphs, meters and values are automatically available in the program and custom graphs, meters and values can be created	✓	✓
More measurement runs are possible	✓	✓
One Data Table with unlimited number of quantities	✓	✓
New quantities, manual, autofill or calculated by formula, can be added	✓	✓
Advanced formula editor	✓	X
Copy and paste data	✓	✓
Import/export data from/to spreadsheet file format csv	✓	X

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<b>Data Processing</b>	✓	✓
Making prediction graphs	✓	✓
Annotating graphs	✓	✓
Simple analysis tools (grid, zoom, scan, sketch)	✓	✓
Advanced tools: Slope, Area, Function fit (limited), Derivative, Select/Remove Data	✓	✓
Advanced tools: Statistics, Integral, Signal Analysis, Histogram, Function Fit (extended)	✓	X
<b>Data Video/Image Analysis</b>	✓	X
<b>Modeling</b>	✓	X
<b>Animations</b>	✓	X
<b>Spectrometer</b>	✓	X
<b>Authoring tools</b>	✓	X
<b>Access to CMA Teaching and Learning Resources (in English)</b>	✓	X