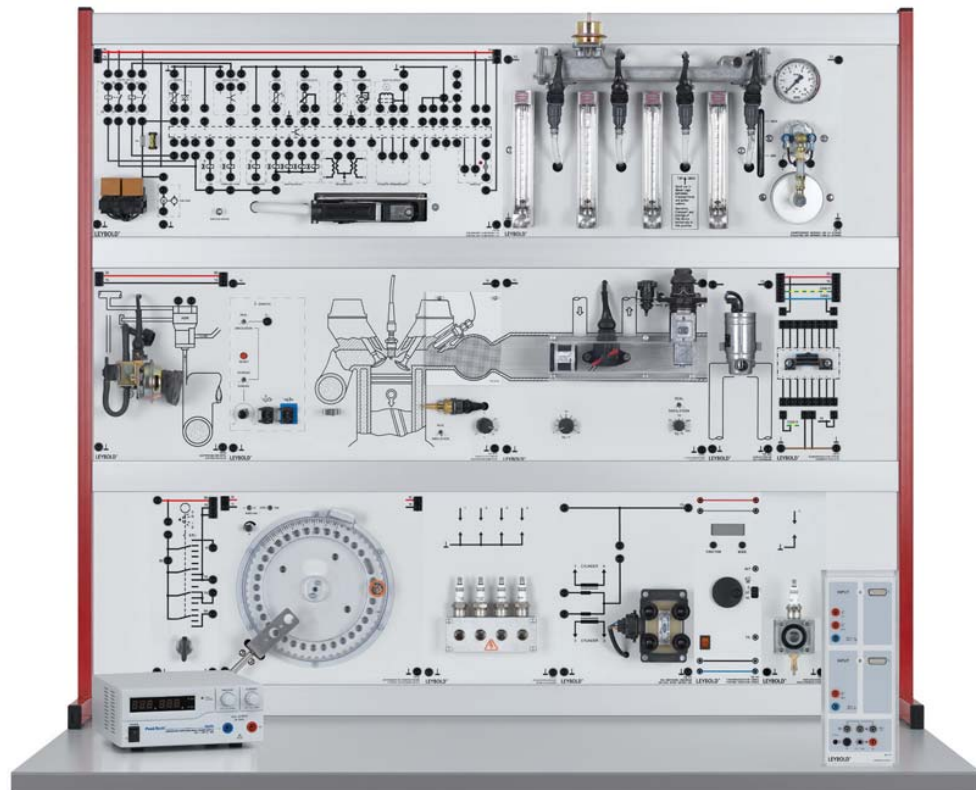


## Motor management fuel system

A2.3.2.1  
Fuel injection



Fuel injection (A2.3.2.1)

Cat. No.	Description	A2.3.2.1
739 402	Control Unit, LH Motronic (M 1.5.4)	1
739 37	Evaluation Unit Motronic and LU-Jetronic	1
738 517	DIS-Two Spark Ignition Coil	1
739 255	Electric EGR valve	1
739 191	Substitute Engine Panel	1
739 03	Knocking Sensor	1
739 42	Crank Angle Sensor	1
739 271	Lambda Sensor, heated	1
739 253	Rotary Idle Actuator	1
739 411	Air Mass Meter, LH Motronic	1
738 981	Silicone Oil M3, 1 Liter	2
738 431	Flywheel with Sensor Holder	1
738 441	Spark plug holder	1
726 18	Panel frame T130, Three Level	1
738 027	Dig. Power supply 1 - 16 V/40 A	1
500 990	Adapter sockets, set of 2	1
577 80	Variable resistor 10 kOhm, STE 2/19	2
577 38	Resistor 330 Ohm, STE 2/19	1
577 97	Resistance decade 10 Ohm...11.1 kOhm, STE 4/50/100	1
738 518	DIS-Ignition Cable Set	1
739 421	Cable for Crank Angle Sensor	1
738 10	Ignition Switch	1
524 013S	Sensor-CASSY 2 Starter	1
524 076	AUTO-BOX i	1
738 989	Standard Workshop TDC Pick-Up	1
738 986	Inductive-Type Pulse Pick-Up	1
375 58	Manual vacuum pump	1
726 961	Function Generator 200 kHz, 230 V	1

Cat. No.	Description	A2.3.2.1
738 442	Single pressure chamber	1
738 998	Pressure pump, foot-operated	1
666 712ET3	Butane cartridge, 190 g, set of 3	1
666 711	Butane gas burner	1
300 02	Stand base V-shape, small	1
301 01	Leybold multiclamp	1
300 41	Stand rod 25 cm, 12 mm Ø	1
666 555	Universal clamp 0...80 mm	1
666 733	PIEZOELECTRIC GAS IGNITER	1
739 589	Software: Vehicle diagnosis, german and english	1
500 59	Set of 10 safety bridging plugs, black	6
500 592	Safety Bridging Plugs with Tap, black, set of 10	1
739 192	Set 7 Connecting Leads	1
738 9821	Safety experiment cables, set of 51	1
665 010	Funnel, plastic, 100 mm Ø	1
738 01	Cable and plug box	1*
738 975	Diagnostic Plug 16 Pin	1*
738 491S	Automotive fault simulator, starter	1*
737 9805	Workshop diagnosis unit (GER)	1*
500 593	Fault simulation plugs, black, set of 10	1*
775 032EN	LIT: A3.2.1 Air/Fuel Benzene	1

\*additionally recommended

Electronically controlled injection systems intermittently inject the fuel with electro-magnetically operating fuel injection valves. In addition the motor management system takes over the control of the ignition. The LH-Motronic 1.5.4. used in the teaching system has an airflow sensor, lambda control, an exhaust-gas recirculation and a static ignition system. To conduct the experiments realistically various sensor signals such as temperature or lambda values can be stimulated.