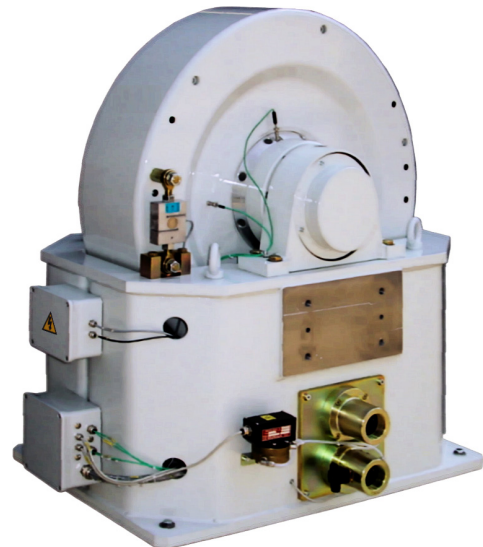


DYNACRAFT- EC Dynamometers

» THE OPTIMUM SOLUTION
FOR YOUR PERFORMANCE
AND ENDURANCE TESTS.



EC Dynamometers

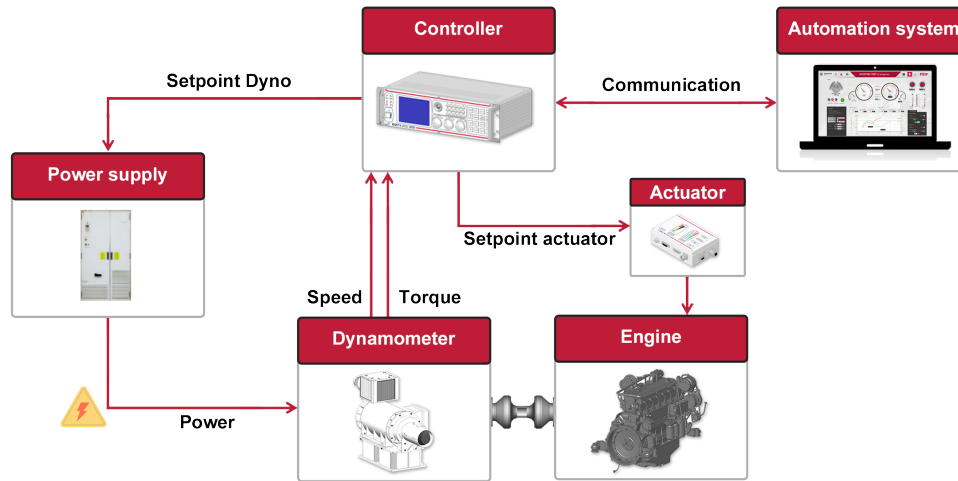
CONTROL

Our range of EC dynamometers is based on our know-how in mechanical engineering, measurement and design of transmission shafts. Our products fulfill your needs for testing industrial, automotive and motorcycle engines.

Benefits

- > Low inertia
- > Excellent reliability and quality of torque measurement
- > Product range for a wide range of applications from motorcycle to HD engine
- > Suitable for emission test cycles like ESC, ELR, WHSC, ISO8178, Japan 6 & 13 modes...
- > Suitable for transient emission test cycles like NRTC during engine development
- > Independent: Integrated electrical and mechanical alarm monitoring (coil and bearings)
- > Our offer of services: transmission shaft design, maintenance...

DYNACRAFT- EC Dynamometers



Technical Data

Features								
Torque measurement				Strain gage				
Speed measurement				Magnetic sensor 60-2 teeth				
Alarm switches				Water pressure and temperature				
User manual				English, French				
Torque calibration (*)				Set of calibration arms and weights				
Safety monitoring (*)				Labyrinth temperature, front bearing vibration				
Transmission protection (*)				Drive shaft guard + wooden box				
Controller (*)				DCU 3000				
Power supply rack (*)				PWR 2000				
Conditioning module for torque sensor (*)				AMP 3000				
Engine starter (*)				DSD				
(*) Options								
Performances								
	Coupling (DIN)	Rated Torque (N.m)	Speed range of max.torque (rpm)	Rated Power (kW)	Speed range of max. power (rpm)	Inertia (kg.m ²)	Water flow rate (l/min)	Weight (kg)
DE 80	90	200	2,500 - 3,800	80	3,800 - 12,000	0.02	40	300
DE 160	120	400	2,000 - 3,500	160	3,500 - 10,000	0.09	135	520
DE 300	150	900	2,000 - 3,200	300	3,200 - 10,000	0.18	135	600
DE 450	180	2	1,100 - 1,500	450	2,150 - 8,000	0.95	290	1300
DE 450 HT	180	2,500	1,100 - 1,500	450	1,500 - 8,000	1.06	290	1300
DE 500-2	150 (M12)	1,250	1,500 - 3,800	500	3,800 - 8,000	0.38	300	800
DE 900	180	5,500	1,125 - 1,600	900	1,600 - 4,000	1.04	500	2200

Technical specifications may be modified without prior notice.

FEV2017-DYNACRAFT-DE