











ACHERES

TESTS BENCHES			DYNAMOMETER	
N°	TYPE	VARIANT	POWER (KW)	MAX. TORQUE
CLIMATE SECTOR				
A2	Climatic engine bench AIR -30 to +50°C / fluids on consultation	Dynamic	230	1000 Nm
A3	High capacity climatic roller bench AIR -30 to +60°C  	Dynamic	180	-
A5	Climatic engine bench AIR -30 to +50°C / fluids on consultation	Dynamic	220	1000 Nm
MECHANICAL & ENERGY SECTOR				
A6	Engine bench 	Dynamic	220	1000 Nm
A7			144	
A8			220	
COMPONENT SECTOR				
A9	Electric bench - two machines (48V)  	High dynamic	100	79Nm@ 12000 to 53 Nm@ 18000 rpm
A10	E PWT bench 	Dynamic	2 x 369 KW	From 2238Nm till 1500 rpm to 1000Nm@ 2800 rpm
ECLAIR	Electric bench - climatic option 	High dynamic	270	570 Nm 20000 rpm / Battery simulator Kratzer 250kW 1000V / 1000A
	Fuel pump characterization bench	Dynamic	-	-
	Water pump characterization bench	Dynamic	-	-
OPTION	Attitude testbed	<i>On consultation - Test benches can be adapted according to needs</i>		
OPTION	Altitude simulator			

BOSROUMOIS

TESTS BENCHES			DYNAMOMETER	
N°	TYPE	VARIANT	POWER (KW)	MAX. TORQUE
MECHANICAL & ENERGY SECTOR				
B7	Engine bench 	Dynamic	230	1000 Nm
B2		Eddy-current braking	220	610 Nm
B3			300	500
B4			294	900
B5			220	610
B6			590	4000
B8			220	610
B10			294	900
B11			300	900
B9			PWT bench 	Dynamic
B12	Versatile propeller engine testbed 	Eddy-current braking	-	1600

All our benches are equipped with:

ETAS EQUIPMENT : ES 410 / ES 420 / ES 430 / ES 510 / ES 561 / ES 590 / ES 592 / ES 635 / ES 650 / ES 690 / LA4 / INCA 7.0 / 7.1.10 / 7.2 / VECTOR - CANalyser 12.0

GAZ ANALYSIS SYSTEM :
Type : Environnement SA
Pollutants : 5 gaz + EGR

COMBUSTION ANALYSIS SYSTEM :
Indimodul / Indicom Top / Indimicro / Indicom Mobil / Osiris v5.2 / Osiris v5.5

PARTICLES ANALYSIS SYSTEM :
Pegasor

We can integrate a battery simulator on each bench and carry out specific thermal shocks.

Let's discuss your testing needs together :

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DEVELOPMENT
AND VALIDATION TESTS
BUSINESS UNIT

