

GENERAL ESPECIFICATIONS

	T2	T2-R	T2-S	T2-SR	T3-SR
Maximum engine speed	20,000 RPM	20,000 RPM	20,000 RPM	20,000 RPM	20,000 RPM
Control of piston engines (cylinders)	1~12	1~12	1~12	1~12	1~12
Control of Wankel engines (rotary)	no	no	no	no	no
Engine rotation reading	Distributor / Trigger Wheel	Distributor / Trigger Wheel	Distributor / Trigger Wheel	Distributor / Trigger Wheel	Distributor / Trigger Wheel
Accelerometer	no	no	no	no	no
Bluetooth	no	no	no	no	no
Electronic throttle control (ETPS)	no	no	yes	yes	yes
Stepper motor control	no	yes	yes	yes	yes
MS injection map	yes	yes	yes	yes	yes
EV injection map	yes	yes	yes	yes	yes
Type of injection	Multi / Semi / Sequential	Multi / Semi / Sequential	Multi / Semi / Sequential	Multi / Semi / Sequential	Multi / Semi / Sequential
Full sequential injection	1-6 cylinders	1-6 cylinders	1-6 cylinders	1-6 cylinders	1-8 cylinders
Ignition type	Wasted spark / Sequential	Wasted Spark / Sequential	Wasted Spark / Sequential	Wasted Spark / Sequential	Wasted Spark / Sequential
Full sequential ignition	1-6 cylinders	1-6 cylinders	1-6 cylinders	1-6 cylinders	1-8 cylinders
Injection benches (banks)	2	2	2	2	2
Injection correction and cylinder ignition	no	no	no	no	no
Simplified 2D injection and ignition maps	yes	yes	yes	yes	yes
Advanced 3D injection and ignition maps	yes	yes	yes	yes	yes
Complementary 3D injection maps	yes	yes	yes	yes	yes
Editing the map axis	yes	yes / pc	yes / pc	yes / pc	yes / pc
Injection time resolution	0.001ms	0.001ms	0.001ms	0.001ms	0.001ms
Ignition advance resolution	0,10°	0,10°	0,10°	0,10°	0,10°
Injection phase angle control	yes	yes	yes	yes	yes
Number of maps	5	5	5	5	5
Real-time programming	yes	yes	yes	yes	yes

	T2	T2-R	T2-S	T2-SR	T3-SR
Diagnostic panel	yes	yes	yes	yes	yes
Instrument panel	yes	yes	yes	yes	yes
Partial and full odometer	yes	yes	yes	yes	yes
Air conditioning control	yes	yes	yes	yes	yes
Idle speed map by 2D TPS	yes	yes	yes	yes	yes
Rapid injection (3D map correction)	yes	yes	yes	yes	yes
Target Probe 3D Map	yes	yes	yes	yes	yes
Closed loop P.I.D	yes	yes	yes	yes	yes
Closed loop injection with lambda probe	yes	yes	yes	yes	yes
Auto mapping 3D probe/correction	yes	yes	yes	yes	yes
Slow control by actuator	no	yes	yes	yes	yes
PWM idle speed control	yes	yes	yes	yes	yes
Idle speed control ON/OFF	yes	yes	yes	yes	yes
Idle speed control POINT	yes	yes	yes	yes	yes
Electronic throttle control	no	no	yes	yes	yes
Burnout mode	yes	yes	yes	yes	yes
2 Step	advanced	advanced	advanced	advanced	advanced
Start control (by time / point)	advanced	advanced	advanced	advanced	advanced
Active start control	advanced	advanced	advanced	advanced	advanced
Gear detection	per gear / per RPM + wheel	per gear / per RPM + wheel	per gear / per RPM + wheel	per gear / per RPM + wheel	per gear / per RPM + wheel
Active traction control	by speed / point / pressure	by speed / point / pressure	by speed / point / pressure	by speed / point / pressure	by speed / point / pressure
Flat Shift/ Flat Foot Shift/ No Lift Shift	advanced	advanced	advanced	advanced	advanced
Shift Light	advanced	advanced	advanced	advanced	advanced
Top LED	15 LEDs (Green / Red / Blue)	15 LEDs (Green / Red / Blue)	15 LEDs (Green / Red / Blue)	15 LEDs (Green / Red / Blue)	15 LEDs (Green / Red / Blue)
Fuel Level in Tank	yes	yes	yes	yes	yes
Wheel speed sensors	traction / drag yes	traction / drag yes	traction / drag yes	traction / drag yes	traction / drag yes
Progressive Nitrous Function	advanced	advanced	advanced	advanced	advanced
Progressive boost function (N75)	yes	yes	yes	yes	yes
Integrated pressure control BC	no	no	no	no	yes
Integrated strain gauge control GC	no	yes	no	yes	yes
Fine-tuning functions and maps	yes	yes	yes	yes	yes
Calibrating strain gauge	no	yes	no	yes	yes

Injector output test	6	6	6	6	8
Ignition output test	6	6	6	6	8
Testing auxiliary outputs	8	8	8	8	8
Sensor input test	advanced	advanced	advanced	advanced	advanced
Shortcut to datalogger	yes	yes	yes	yes	yes
Shortcut to activate/deactivate cut off	yes	yes	yes	yes	yes
Shortcut to enable/disable back fire	yes	yes	yes	yes	yes
Shortcut to enable/disable burnout	yes	yes	yes	yes	yes
Format logger	yes	yes	yes	yes	yes
Change dash SONDA/KM/H	yes	yes	yes	yes	yes
Editable sensor scales	yes	yes	yes	yes	yes

INPUTS & OUTPUTS

	T2	T2-R	T2-S	T2-SR	T3-SR
Total input channels	14	14	14	14	14
Configurable inputs	10	10	10	10	10
Signal from the rotation sensor	Hall and Inductive	Hall and Inductive	Hall and Inductive	Hall and Inductive	Hall and Inductive
Phase sensor signal	Hall and Inductive	Hall and Inductive	Hall and Inductive	Hall and Inductive	Hall and Inductive
Total output channels	22	22	22	22	24
Injection outputs	6	6	6	6	8
Ignition outputs	6	6	6	6	8
Auxiliary Outputs	8 + 2*	8 + 2*	8 + 2*	8 + 2*	8

DATALOGGER

Data-logger recording capacity	60min	60min	60min	60min	60min
Sampling rate	1~200Hz	1~200Hz	1~200Hz	1~200Hz	1~200Hz
Configurable sample rate per channel	no	no	no	no	no
Number of sessions (files)	multi	multi	multi	multi	multi
Start options	RPM/Two Step/Dash/MAP	RPM/Two Step/Dash/MAP	RPM/Two Step/Dash/MAP	RPM/Two Step/Dash/MAP	RPM/Two Step/Dash/MAP
Stop options	Timed	Timed	Timed	Timed	Timed

HARDWARE

	T2	T2-R	T2-S	T2-RS	T3-RS
Office	Plastic	Plastic	Plastic	Plastic	Plastic
Fixing	New easy fix	New easy fix	New easy fix	New easy fix	New easy fix
Number of connectors	2	2	2	2	2
Connector (pins)	24 vias + 24 vias automotive	24 vias + 24 vias automotive	24 vias + 24 vias automotive	24 vias + 24 vias automotive	24 vias + 24 vias automotive
Programming interface	Touch Screen - PC	Touch Screen - PC	Touch Screen - PC	Touch Screen - PC	Touch Screen - PC
Display	5" color TFT	5" color TFT	5" color TFT	5" color TFT	5" color TFT
Integrated MAP sensor (absolute)	7 bars	7 bars	7 bars	7 bars	7 bars
CAN network	yes	yes	yes	yes	yes
Processor	2 cores- 800 MIPS	2 cores- 800 MIPS	2 cores- 800 MIPS	2 cores- 800 MIPS	3 cores- 925 MIPS
Software update	USB / PC	USB / PC	USB / PC	USB / PC	USB / PC
PC communication	USB	USB	USB	USB	USB

ALERTS

Opening injectors	yes	yes	yes	yes	yes
Engine temperature	advance	advance	advance	advance	advance
Excessive pressure	yes	yes	yes	yes	yes
Excessive rotation (over rev)	yes	yes	yes	yes	yes
Oil pressure	yes	yes	yes	yes	yes
Fuel pressure	yes	yes	yes	yes	yes
Electronic throttle	yes	yes	yes	yes	yes
Full load alert (WOT)	yes	yes	yes	yes	yes