

❖ IMAGE



Special package image of MOTOSCAN TAB

❖ INTRODUCTION

- Nowadays technology products are more and more intelligent, modern, especially more friendly to workers, updating new technology of industry 4.0 "integrating things, integrating knowledge, integrating data"
- You are a young generation repairman and have good financial conditions? Do you like to explore and conquer high-end technology? Do you like modern and trendy styles?
- Now your motorcycle repair tools is not only boring hand-held device that it need nice & friendly graphical interface, multi-language, multi-functional, integrating everything in one, voice communication, wireless data connection, global database connection, simple update & sync, trendy "touch screen" control
- DTDAuto would like to introduce a high-end product that analyzes and determines faults of electronic fuel injection motorcycles: MOTOSCAN TAB

- **MOTOSCAN TAB** researched and manufactured by DTDAuto Vietnam. It used to determine fault and repair electronic & electrical system for most motorbikes and scooters in Asia market and some other market with electronic control system for starting, fuel injection, ignition, ABS, Smart key, ODO, ECU... Product is designed compactly and integrated all functions "all in one". It connect with vehicle via Bluetooth communication and used for **diagnosing fault, repair fault for Engine & ABS system; automatic programming smart key system; automatic test ECU inside, automatic engine technical analyzing, intelligent diagnosing without OBD fault code, ODO value correction, ECU signal simulating, programming and upgrading standard software of manufacturer inside ECM, SCU...** and many special measurement functions, full-featured for professional motorbike repair workshop. The device is suitable for repairers who like Multi-Media technology, good quality graphics display, abundant lookup, and multimedia connectivity.
- **Comprehensive fault diagnosis support for most VinFast electric motorcycles**
- Support multi-language: English, French, Thai, Khmer, Korean, Portuguese, Indonesian, Malaysian and Vietnamese
- Lookup repair data fast, convenient, smart and object-oriented for most motorcycles of HONDA, YAMAHA, SUZUKI, SYM, KYMCO, PIAGGIO / VESPA, VINFAST manufacturers.
- A gift MOTODATA software used to lookup motorbikes repair data on computer or mobile for 01 year when buy MOTOSCAN TAB.

❖ ADDRESS & APPLICATION RANGE



- The device is suitable for repairmen who like technology, but do not like traditional, monotonous, classic, and boring hand tools
- People like Multi-Media technology, Big data, IoT ... good graphics, impressive and multimedia connection
- A safety test device for motorcycle and private motorcycle clubs

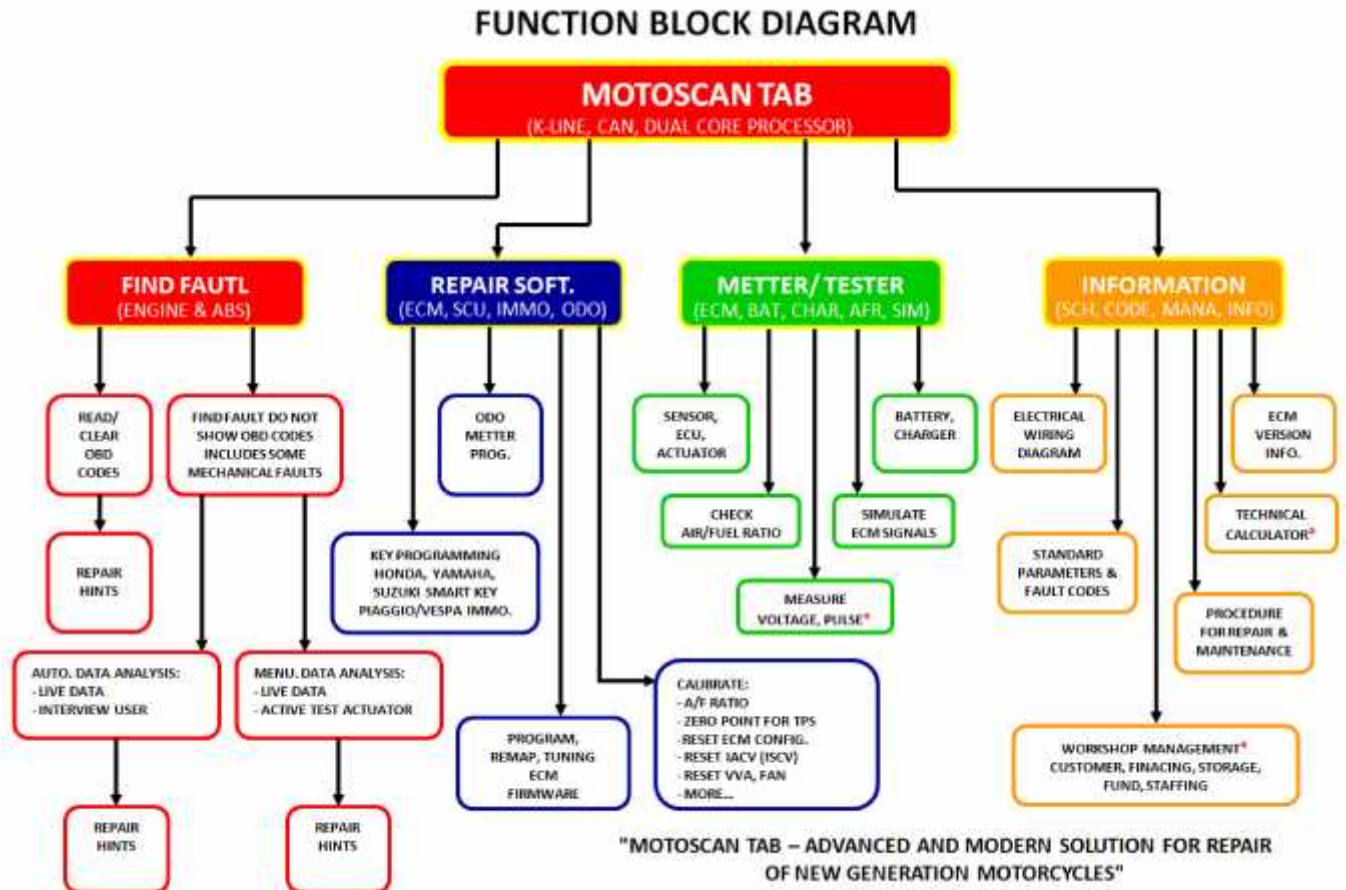
❖ PRODUCT PACKAGE SELECTION & PRICE

MOTOSCAN TAB PRICE (the use value is 10 years)			
SELECTION	SELECTION 1 STANDARD PACKAGE (for workshop)	SELECTION 2 LOCKSMITH PACKAGE (for locksmith)	SELECTION 3 SPECIAL PACKAGE (for workshop)
PRODUCT CODE	MT008A	MT008K	MT008S
PRICE	\$920.00	\$1,135.00	\$2,110.00
STANDARD PACKING LIST	<ul style="list-style-type: none"> ✓ MOTOSCAN TAB hardware ✓ MOTOSCAN TAB software ✓ Standard cables ✓ MOTODATA software gift for 1 year 	<ul style="list-style-type: none"> ✓ MOTOSCAN TAB hardware ✓ MOTOSCAN TAB software ✓ Standard cables ✓ MOTODATA software gift for 1 year 	<ul style="list-style-type: none"> ✓ MOTOSCAN TAB hardware ✓ MOTOSCAN TAB software ✓ Standard cables ✓ MOTODATA software gift for 1 year
ADVANCED PACKING LIST (CABLE OPTION FOR SCU TEST FUNCTION)	<ul style="list-style-type: none"> ✓ PACK 14 - MTB08-SMK 	<ul style="list-style-type: none"> ✓ PACK 14 - MTB08-SMK 	<ul style="list-style-type: none"> ✓ PACK 14 - MTB08-SMK
ADVANCED PACKING LIST (FUNCTION OPTION TO RENEW ECMID FOR SMARTKEY HONDA MOTORBIKES)	<ul style="list-style-type: none"> ✗ PACK 18 - MTB08-ECMID 	<ul style="list-style-type: none"> ✓ PACK 18 - MTB08-ECMID 	<ul style="list-style-type: none"> ✓ PACK 18 - MTB08-ECMID
ADVANCED	<ul style="list-style-type: none"> ✗ PACK 1 - LD09-SCR 	<ul style="list-style-type: none"> ✗ PACK 1 - LD09-SCR 	<ul style="list-style-type: none"> ✓ PACK 1 - LD09-SCR














PACKING LIST (CABLE OPTION FOR HONDA KEIHIN ECM TEST FUNCTION)	✘ PACK 2 - LD12-AB08	✘ PACK 2 - LD12-AB08	✔ PACK 2 - LD12-AB08
	✘ PACK 3 - AB11-VS11	✘ PACK 3 - AB11-VS11	✔ PACK 3 - AB11-VS11
	✘ PACK 4 - F125-WA10	✘ PACK 4 - F125-WA10	✔ PACK 4 - F125-WA10
	✘ PACK 5 - WAVE-AT	✘ PACK 5 - WAVE-AT	✔ PACK 5 - WAVE-AT
	✘ PACK 6 - FUX-NEO	✘ PACK 6 - FUX-NEO	✔ PACK 6 - FUX-NEO
	✘ PACK 12 - SH150i-PS	✘ PACK 12 - SH150i-PS	✔ PACK 12 - SH150i-PS
ADVANCED PACKING LIST (CABLE OPTION FOR HONDA ACG ECM TEST FUNCTION)	✘ PACK 13 - MTB08-ACG	✘ PACK 13 - MTB08-ACG	✔ PACK 13 - MTB08-ACG
ADVANCED PACKING LIST (CABLE OPTION FOR YAMAHA ECM TEST FUNCTION)	✘ PACK 7 - NOV-SI16	✘ PACK 7 - NOV-SI16	✔ PACK 7 - NOV-SI16
	✘ PACK 8 - EXCITER-18	✘ PACK 8 - EXCITER-18	✔ PACK 8 - EXCITER-18
	✘ PACK 9 - JUPITER-16	✘ PACK 9 - JUPITER-16	✔ PACK 9 - JUPITER-16
	✘ PACK 10 - EXCITER-19	✘ PACK 10 - EXCITER-19	✔ PACK 10 - EXCITER-19
ADVANCED PACKING LIST (CABLE OPTIONS FOR SENSOR & ACTUATOR TEST FUNCTION)	✘ PACK 11 - MTB001-HALL	✘ PACK 11 - MTB001-HALL	✔ PACK 11 - MTB001-HALL
	✘ PACK 15 - MTB001-VSS	✘ PACK 15 - MTB001-VSS	✔ PACK 15 - MTB001-VSS
ADVANCED PACKING LIST (CABLE OPTION FOR LED LIGHTING & DASHBOARD SYSTEM TEST FUNCTION)	✘ PACK 16 - LED-DAS-01	✘ PACK 16 - LED-DAS-01	✔ PACK 16 - LED-DAS-01
ADVANCED PACKING LIST (CABLE OPTION FOR QUICK CHECK OF MOTORCYCLE COMBUSTION CHAMBER)	✘ PACK 17 - P-TEST	✘ PACK 17 - P-TEST	✔ PACK 17 - P-TEST

PRESSURE) ADVANCED PACKING LIST (CABLE OPTION FOR ENGINE OIL TESTING)	✗ PACK 19 - MTB08-OIL	✗ PACK 19 - MTB08-OIL	✓ PACK 19 - MTB08-OIL
ADVANCED PACKING LIST (CABLE OPTION TO CONFIGURE MCU FOR VINFAST ELECTRIC MOTORBIKES)	✗ PACK 20 - MTB08-DLC05	✗ PACK 20 - MTB08-DLC05	✓ PACK 20 - MTB08-DLC05
ADVANCED PACKING LIST (KIT OPTION FOR INJECTOR MECHANICAL TESTING)	✗ PACK 21 - MTB08-KIT	✗ PACK 21 - MTB08-KIT	✓ PACK 21 - MTB08-KIT














❖ **FUNCTION**



MOTOSCAN TAB FUNCTION LIST			
ENGINE/ ABS SYSTEM			
NO.	DESCRIPTION	FUNCTIONS ON MOTOSCAN TAB	NOTE
1	Read fault codes stored in ECM	✓	Basic function
2	Advanced display of fault code information (on one screen) including fault code content, component location, fault code principle electrical diagram, the overall principle diagram	✓	Special function developed by DTDAuto
3	Delete fault codes stored in ECM	✓	Basic function
4	Reset ECM	✓	Basic function
5	Display live data	✓	Basic function
6	View modes: List Analog Graphic Waveform	✓	Special function developed by DTDAuto
7	Activate the actuators: Injector, Ignition coil, Fuel Pump, Solenoid valve, Stepper motor, Indicator and Headlight...	✓	Basic function
8	Setting: TPS, Reset IACV, Altitude	✓	Basic function
9	ECM information	✓	Basic function
10	Check depth A/F ratio	✓	Special function developed by DTDAuto
11	Adjust A/F ratio	✓	Basic function
12	A/F ratio tuning by remap for ECM	✓	Basic function
13	Upgrade original ECM & Upload tuning ECM firmware by sample remap files	✓	Basic function
14	Upload user-edited remap files for ECM based on the machine	✓	Special function developed by DTDAuto
15	Upload free user remap files for ECM from another source out of the machine (various selection of modes)	✓	Special function developed by DTDAuto
16	Rescue ECM	✓	Special function developed by

			DTDAuto
17	Advanced diagnostics with fault codes (analyze to find exact details, fault location) out of range faults		Special function developed by DTDAuto
18	Advanced diagnostics without showing OBD fault codes (analyze by AI technology, find the exact cause, fault location) in of-range faults		Special function developed by DTDAuto
19	In-depth testing for sensors (MAP, TP, ECT, IAT, O2, CKP) both faults out of range and in of range		Special function developed by DTDAuto
20	Check the actuator's operation and quality (IACV, ISC...)		Special function developed by DTDAuto
21	Check the operation, and quality components of hardware and software (specify show the position of components, the position of the cut holes) of Engine ECUs for some HONDA, YAMAHA...		Special function developed by DTDAuto
22	Simulate Input signal types and communication signals to check and diagnose engine system faults (CKP, MAP, TP, IAT, ECT, O2, VSS)		Special function developed by DTDAuto
23	Simulate Output signal types to check and diagnose engine system faults (INJ, IGPLS, RELAY, SOLENOID...)		Special function developed by DTDAuto
ODO SYSTEM			
24	Read the current ODO value		Advanced function
25	Correct and edit ODO value for ODO repair or replacement		Advanced function
26	Reload the original ODO software to repair or replace ODO		Advanced function
27	Look up location, connection diagram, and function pins to check on the same screen, convenient for manipulation, correction, and repair		Special function developed by DTDAuto
28	Simulate normal Vss, K-line Vss signals to check and repair ODO		Special function developed by DTDAuto
SMART KEY SYSTEM			
29	Check the operation of electronic components and the hardware (specify the position of components, the position of the cut holes) of SCU for HONDA, YAMAHA, SUZUKI...		Special function developed by DTDAuto

30	SCU programming - register more keys (FOB)	✓	Special function developed by DTDAuto
31	SCU programming - register a new key (FOB) when all keys are lost	✓	Special function developed by DTDAuto
32	SCU programming – inactive use FOB when lost	✓	Special function developed by DTDAuto
33	SCU programming – reactivate use of FOB (after canceling use)	✓	Special function developed by DTDAuto
34	SCU programming – ECMID synchronization between SCU and ECM	✓	Special function developed by DTDAuto
35	Check results of synch FOB and SCU	✓	Special function developed by DTDAuto
36	Check the declared value of KEYID	✓	Special function developed by DTDAuto
37	Read KEYID directly from SCU	✓	Special function developed by DTDAuto
38	Delete KEYID inside SCU	✓	Special function developed by DTDAuto
39	Copy SCU data (from SCU A to SCU B) when repairing	✓	Special function developed by DTDAuto
40	Reload SCU sample data when repairing	✓	Special function developed by DTDAuto
IMMOBILISER SYSTEM			
41	Register more keys	✓	Advanced function
42	Register a new key when all keys are lost	✓	Advanced function
43	Read KEYID directly from ECM/IC	✓	Advanced function
44	Check the key, and read the current KEYID through the	✓	Advanced function

	antenna (for Medley with ECM code: PGQ16)		
45	Reset Immobiliser		Advanced function
46	Replace ECM		Advanced function
BMS, MCU, VCU, HMI SYSTEM (FOR VINFAST ELECTRIC MOTORCYCLES)			
47	Read fault codes for Battery management system (BMS), Motor control module, Vehicle control unit (VCU), Human-Machine-Interface (HMI)		Special function developed by DTDAuto
48	Display live data for Battery management system (BMS), Motor control module, Vehicle control unit (VCU)		Special function developed by DTDAuto
49	MCU configuration settings (For example: configuring motor speed (RPM), phase shift & phase advance angle of Hall sensor, electric motor voltage, etc.)		Special function developed by DTDAuto
OTHER MEASURE FUNCTIONS			
50	Quick connection operation of functions without sequential operation (save connection history and quickly select the function from history)		Special function developed by DTDAuto
51	Quickly evaluate motorcycle combustion chamber pressure using electronic technology		Special function developed by DTDAuto
52	Check the operating quality of the LED lighting system and dashboard system		Special function developed by DTDAuto
53	Check the quality and capacity of the battery		Special function developed by DTDAuto
54	Check the charging status, operation, and quality of the charging system		Special function developed by DTDAuto
55	High-precision measurement of DC voltage from 0V - 20V		Special function developed by DTDAuto
56	Test engine oil quality for motorcycles and cars		Special function developed by DTDAuto
57	Injector mechanical test kit		Special function

			developed by DTDAuto (New function in 2025)
58	Basic assessment of exhaust pollution for motorbikes (Euro 4 standard)	✓	Special function developed by DTDAuto
LOOK UP TECHNICAL DOCUMENTS			
59	Support automatic calculation feature for motorcycle electronics repairmen: calculate the resistance value according to the color rim and according to the symbol on the SMD resistor; calculate the resistance for the LED circuit; calculate the correction resistance of the regulator, and rectifier; calculate sensor calibration auxiliary resistance...	✓	Special function developed by DTDAuto
60	Integrate lookup data and documents, repair data, electrical diagrams of all kinds, and electrical and mechanical specifications in one application	✓	Special function developed by DTDAuto
61	Look up principle diagrams and assembled circuit diagrams for vehicle systems	✓	Special function developed by DTDAuto
62	Look up electrical specifications	✓	Special function developed by DTDAuto
63	Look up engine mechanical specifications and disassembly instructions	✓	Special function developed by DTDAuto
64	Look up the function pin position of ECU, ABS, SCU...	✓	Special function developed by DTDAuto
65	Supports DATALINK function on electrical diagrams	✓	Special function developed by DTDAuto
66	Look up acronyms, wire colors, fault code information, SCU, FOB...	✓	Special function developed by DTDAuto
67	Repair workshop management function: warehouse management, service, personnel, customers, maintenance...	✓	Special function developed by DTDAuto

❖ SPECIFICATIONS

- Operating system: Android, iOS
- Screen size: 10.1 inches or larger
- Connection protocol: Bluetooth

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