

❖ **IMAGE**



❖ **INTRODUCTION**

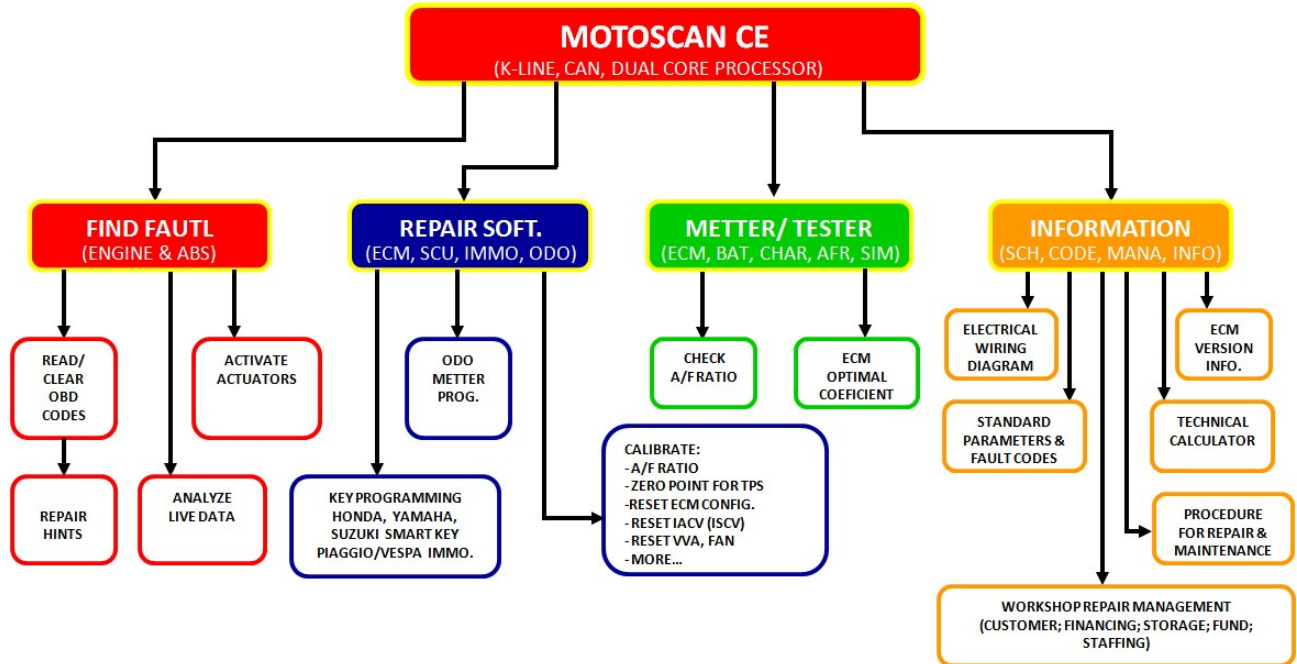
- **MOTOSCAN CE** is designed with the criteria of cost saving, but still effective and suitable for the workers who are still in financial difficulty to have the opportunity to use reputable, quality, and cost-effective equipment, reasonable without conditional use professional products as MOTOSCAN 7 and MOTOSCAN TAB.
- **MOTOSCAN CE** is used for diagnosing faults, adjusting, testing, repair faults for Engine & ABS systems; programming smart key & immobilizer systems; ODO value correction (ODO function is an option) and lookup repair data for professional motorbike repair workshop.
- Support programming, adjusting and setting parameters in ECU as electronic key programming, zero point programming of TPS, and air/fuel ratio programming, idle speed, and pulse bandwidth adjustment to control fuel injection...
- A gift MOTODATA software for 01 year (you need pay renewal fee for the next years) that is used to lookup motorbike repair data for PIAGGIO, HONDA, YAMAHA, SUZUKI, SYM, and KYMCO. MOTODATA supports Android, iOS, and Windows devices as smartphone, Tablet, computers, laptops. In particular, it integrated workshop management function that helps you manage orders, customers, and inventory, financial...
- Equipment designed as handheld, good quality, low.

❖ **PRODUCT PACKAGE SELECTION & PRICE**

OPTIONS	SUPPORT SYSTEMS	APPLICATION
MOTOSCAN CE-STD	ENGINE/ ABS/ SMART KEY/ IMMOBILISER	Used for all HONDA, YAMAHA, PIAGGIO/VESPA (it also supports GILERA, APRILIA, DERBI, PEUGEOT, which use similar ECMs), SYM, SUZUKI, KYMCO PGM-FI/FI motorbikes
MOTOSCAN CE-FULL	ENGINE/ ABS/ SMART KEY/ IMMOBILISER/ ODO	

❖ **FUNCTION**

FUNCTION BLOCK DIAGRAM



"MOTOSCAN CE – EFFECTIVE, COST SAVING SOLUTION FOR REPAIR OF NEW GENERATION MOTORCYCLES"

MOTOSCAN CE FUNCTION LIST

ENGINE/ ABS SYSTEM

NO	DESCRIPTION	COMMON FUNCTIONS (basic diagnostic tools on the market have)	IN-DEPTH FUNCTIONS (some normal diagnostic tools on the market may have)	SPECIAL FUNCTIONS DEVELOPED BY DTD AUTO (normal diagnostic tools on the market do not have)
1	Read fault codes stored in ECM	✓		
2	Advanced display of fault code information (on MOTODATA software) including fault code content, component location, fault code principle electrical diagram, the overall principle diagram			✓
3	Delete fault codes stored in	✓		

	ECM			
4	Reset ECM	✓		
5	Display live data	✓		
6	Activate the actuators: Injector, Ignition coil, Fuel Pump, Solenoid valve, Stepper motor, Indicator and Headlight...	✓		
7	Setting: TPS, Reset IACV, Altitude	✓		
8	ECM information	✓		
9	Check depth A/F ratio			✓
10	Adjust A/F ratio	✓		
ODO SYSTEM (Use only with MOTOSCAN CE-FULL)				
11	Read the current ODO value		✓	
12	Correct and edit ODO value for ODO repair or replacement		✓	
13	Reload the original ODO software to repair or replace ODO		✓	
14	Look up location, connection diagram, and function pins to check on the same screen, convenient for manipulation, correction, and repair (on MOTODATA software)			✓
SMART KEY SYSTEM				
15	SCU programming - register more keys (FOB) (view on MOTODATA software)			✓
16	SCU programming - register a new key (FOB) when all keys are lost (view on MOTODATA software)			✓

17	SCU programming - ECMID synchronization between SCU and ECM (view on MOTODATA software)			✓
18	Read KEYID directly from SCU			✓
IMMOBILISER SYSTEM				
19	Register more keys		✓	
20	Register a new key when all keys are lost		✓	
21	Read KEYID directly from ECM/IC		✓	
22	Check the key, and read the current KEYID through the antenna (for Medley with ECM code: PGQ16)		✓	
23	Reset Immobiliser		✓	
24	Replace ECM		✓	
LOOK UP TECHNICAL DOCUMENTS (on MOTODATA SOFTWARE)				
25	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...			✓
26	Integrate lookup data and documents, repair data, electrical diagrams of all kinds, and electrical and mechanical specifications in one application			✓

27	Look up principle diagrams and assembled circuit diagrams for vehicle systems			✓
28	Look up electrical specifications			✓
29	Look up engine mechanical specifications and disassembly instructions			✓
30	Look up the function pin position of ECU, ABS, SCU...			✓
31	Look up acronyms, wire colors, fault code information, SCU, FOB...			✓
32	Repair workshop management function: warehouse management, service, personnel, customers, maintenance...			✓

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