









MOTORCYCLE DIAGNOSTIC TOOL

• Function selection 1/6

- | | | |
|---|--|--|
| 
Diagnosis | 
Battery | 
Picture |
| 
Setting | 
Review data | 
About |

M6

FXTUL

F1 F2 F3

▲
◀ OK ▶
▼

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MOTORCYCLE DIAGNOSTIC TOOL
IP 1 E 00 25 10 10 00 00



FXTUL

MOTORCYCLE DIAGNOSTIC TOOL

● www.fxtul.com Model: M6
● sales@fxtul.com Working Voltage: 12V
Working Current: ≤60mA

FC CE RoHS
Made in China











MOTORCYCLE DIAGNOSTIC TOOL

Function selection

1/6



Diagnosis



Battery



Picture



Setting



Review data



About

M6

FXTUL

F1

F2

F3



MOTORCYCLE DIAGNOSTIC TOOL
摩托車故障診斷儀

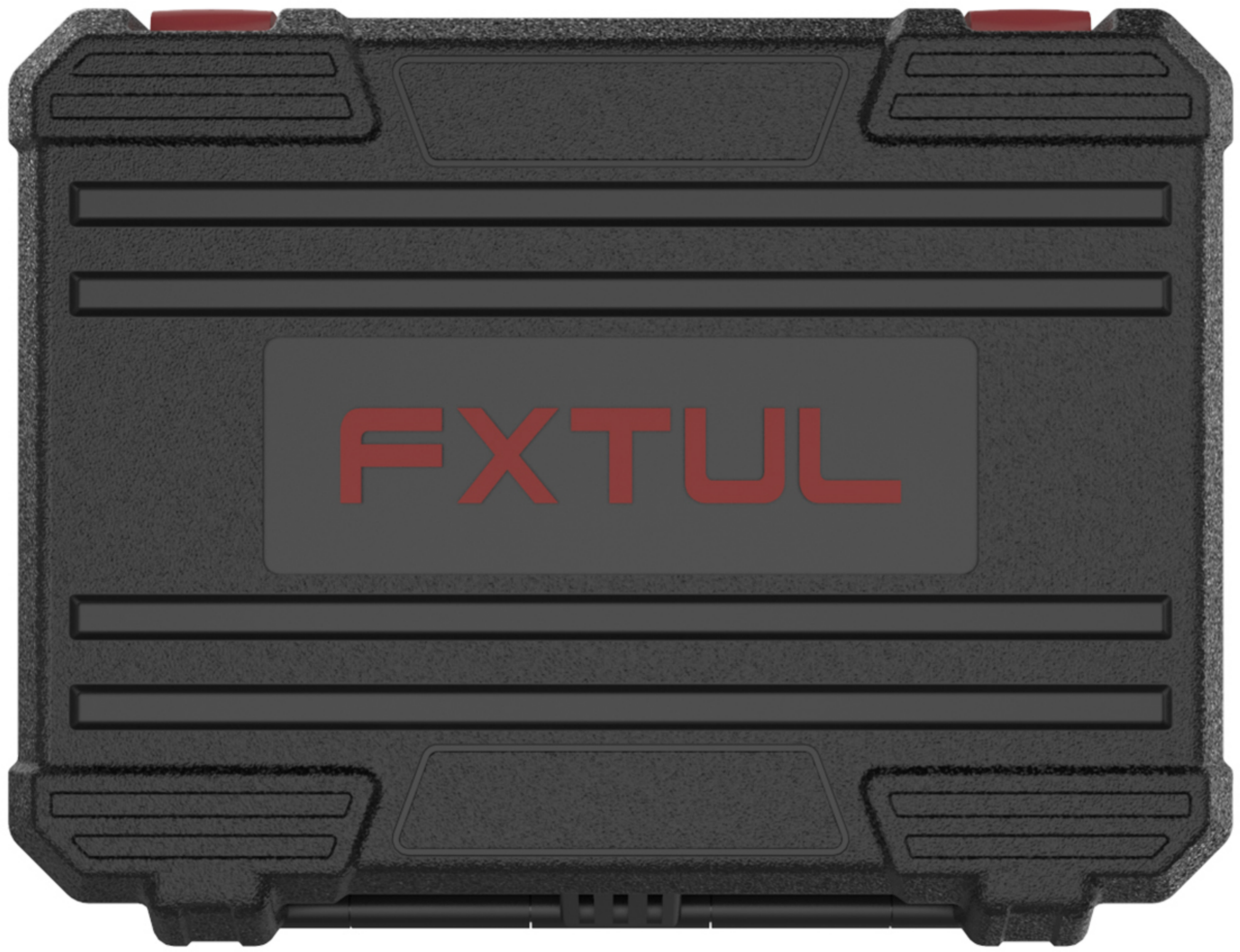
















FXTUL



Global Version

SUPPORTS 70+ MOTORCYCLE
BRANDS AND MODELS



Clear Fault
Codes



Data
Stream



Full System
Diagnosis



Read Freeze
Frames



Battery
Test



Data
Printing

FXTUL



M6 **Global Version**

MOTORCYCLE DIAGNOSTIC TOOL

Supports 70+ motorcycle brands and models



Clear Fault
Codes



Data
Stream



Full System
Diagnosis



Read Freeze
Frame



Battery
Test



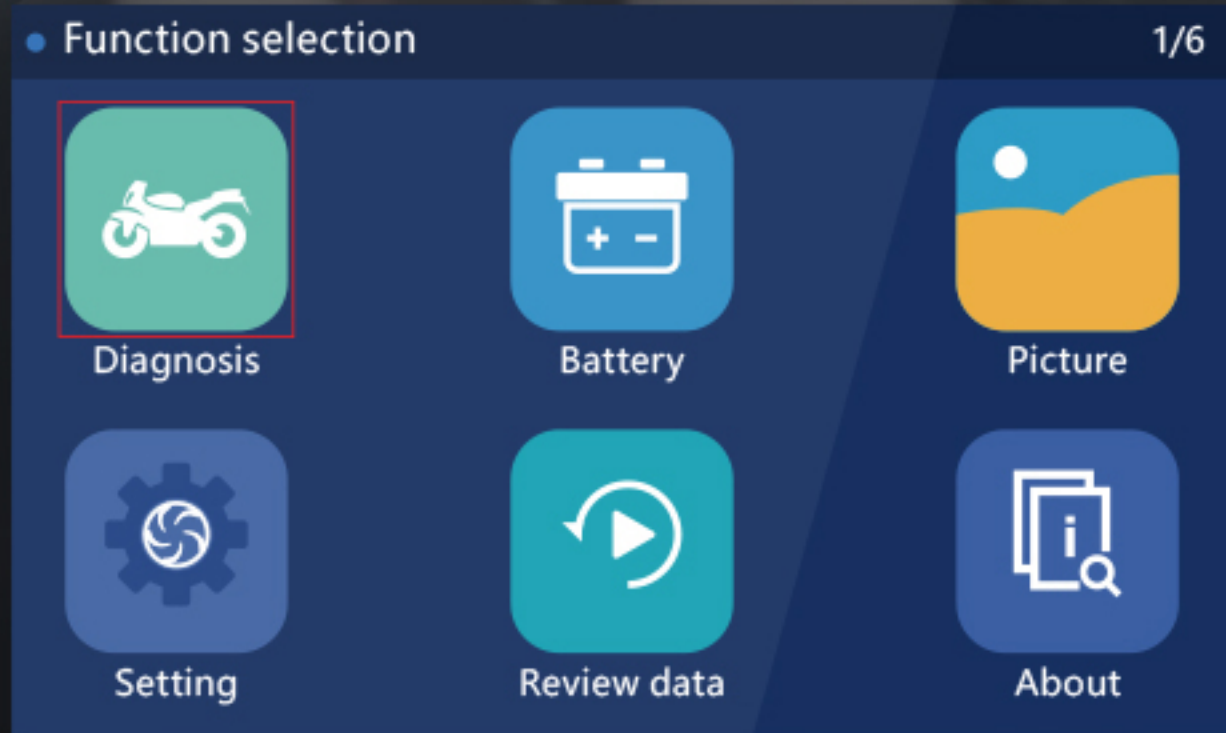
Data
Printing

5.0-INCH RGB DISPLAY SCREEN

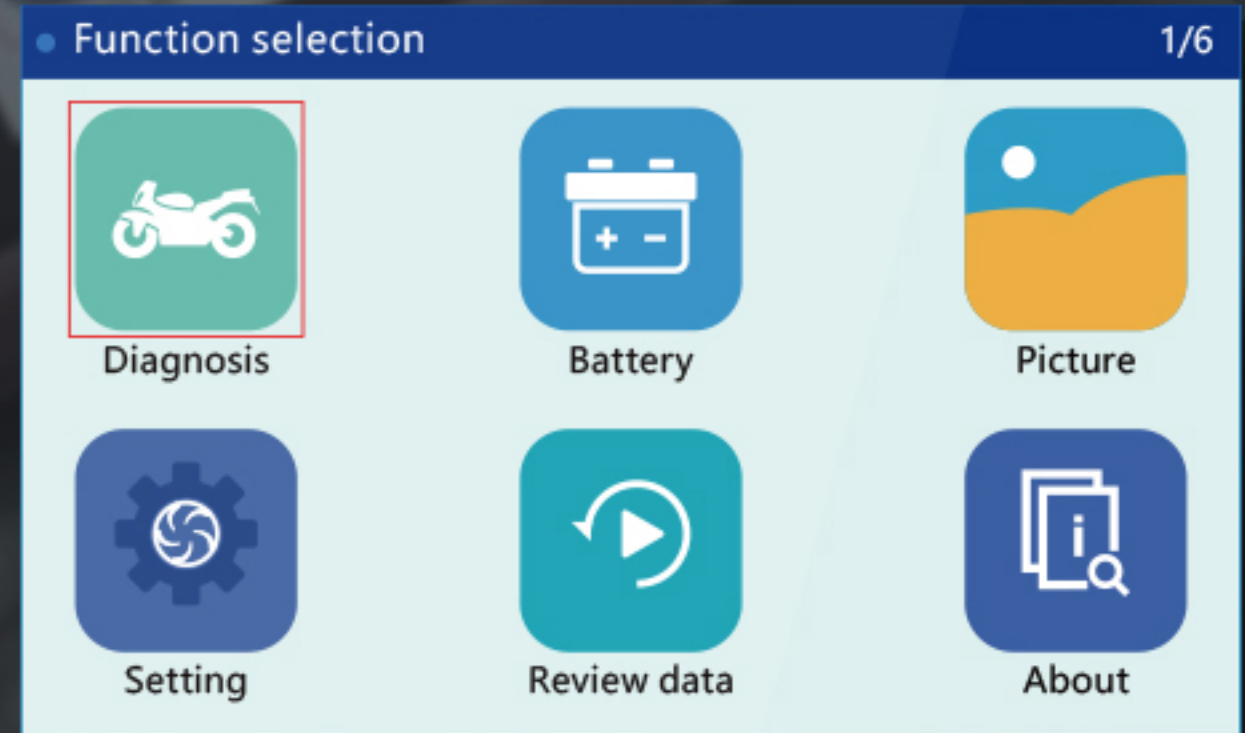
The motorcycle diagnostic tool is equipped with a 5.0-inch RGB display screen with a resolution of "800*480". The interface display is more abundant and clear, and users can choose their own theme color, with the option of both dark and light themes.



Theme color



Dark color



Light color

SUPPORTED DIAGNOSTIC FUNCTIONS

The diagnostic tool supports engine, ABS, tire pressure, anti-theft, and other systems. Supported functions for single system: Reading system information; Reading fault codes; Clearing fault codes; Reading data streams; Reading freeze frames; Actuator testing; Service functions (including CO idle speed adjustment, throttle position learning, etc.).



Engine systems



ABS systems



Tire pressure systems



Anti-theft systems



Other systems



Read data stream



Read fault codes



Clear fault codes



Read freeze frame data



VEHICLE SYSTEM DIAGNOSTIC

Supports full system scanning and identification of current vehicle model, and reports on the assembly status of each system and whether any fault codes are present. Supports one-click clearing of all fault codes in the entire system.



Read fault codes



Clear fault codes

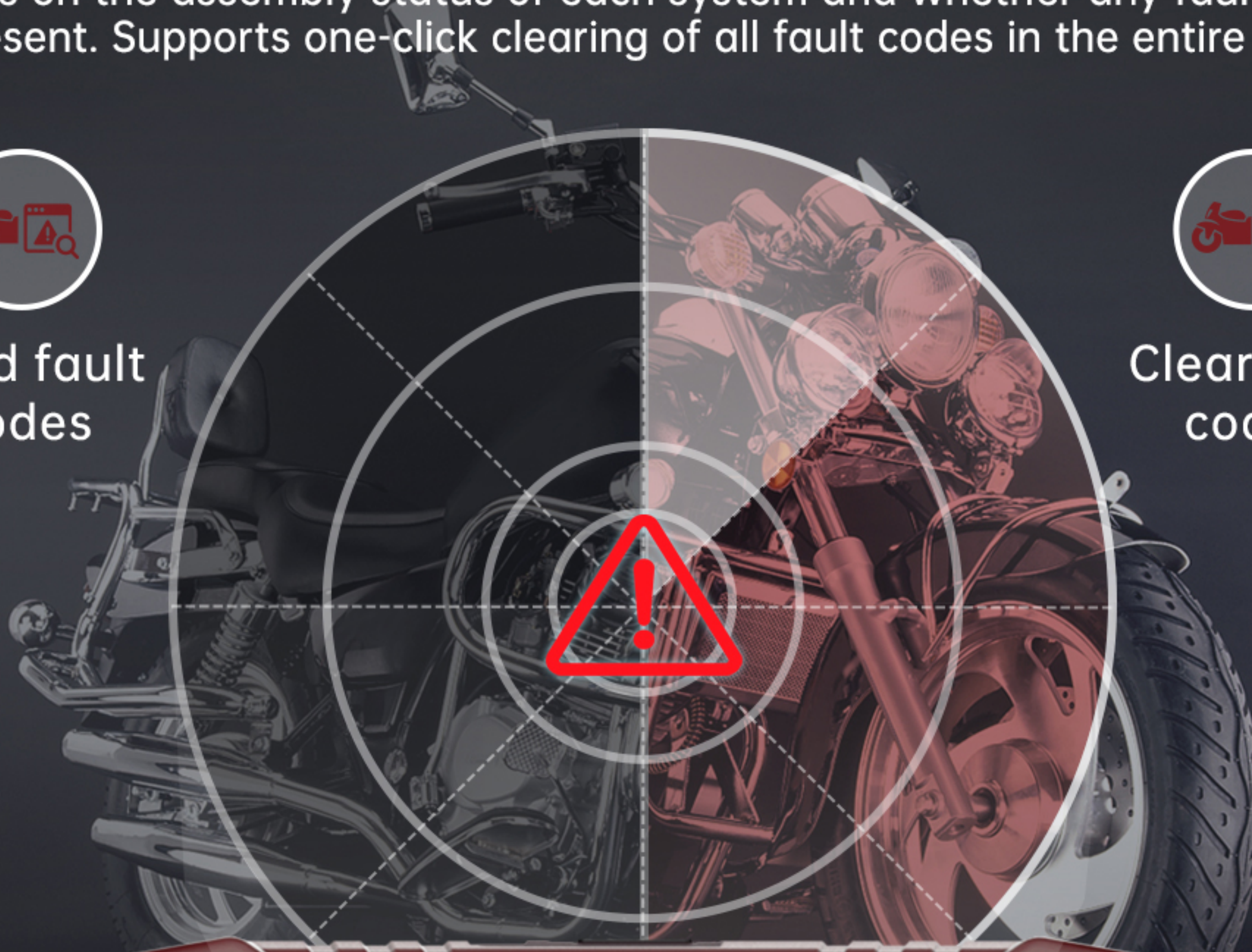


IMAGE VIEWER

During the vehicle detection process using the device, you can long-press [F1] on any interface to capture the current device interface as an image. This function is useful for saving and reviewing the process and result data of actions.

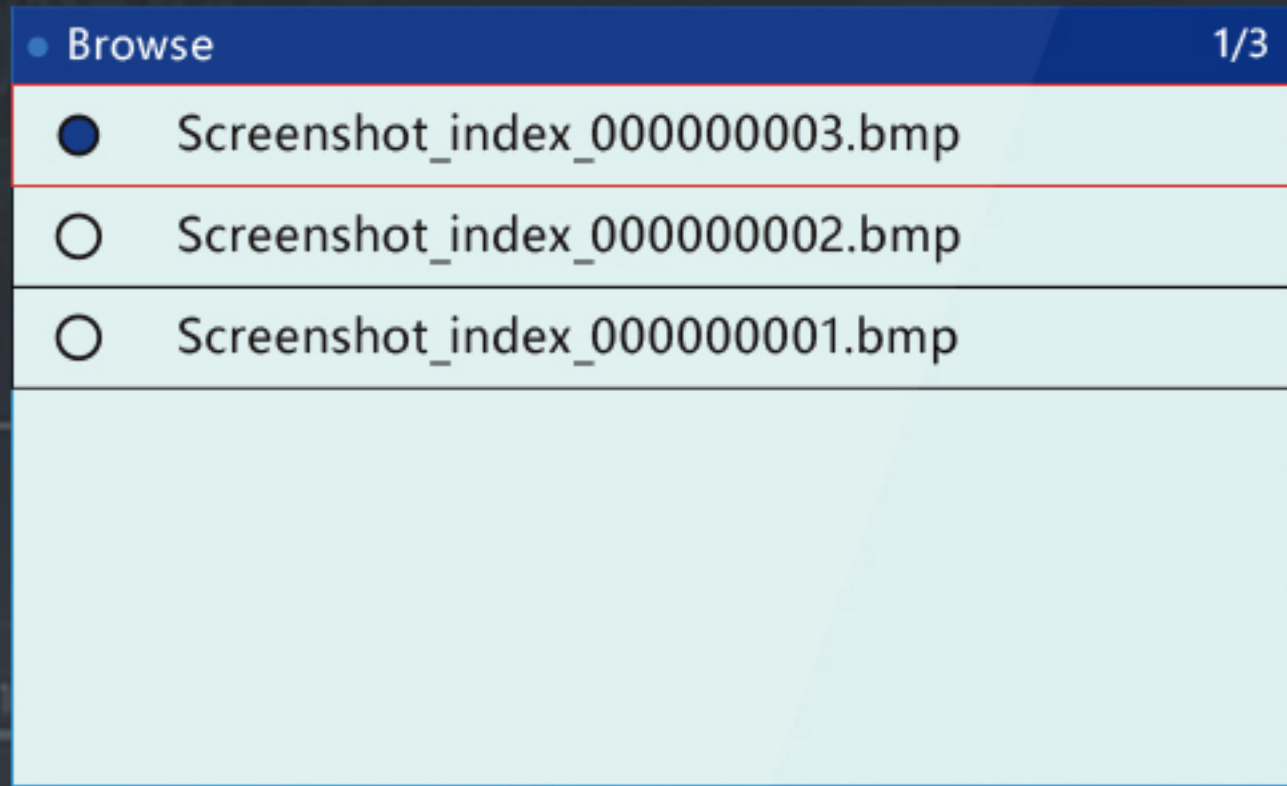


Image Browse

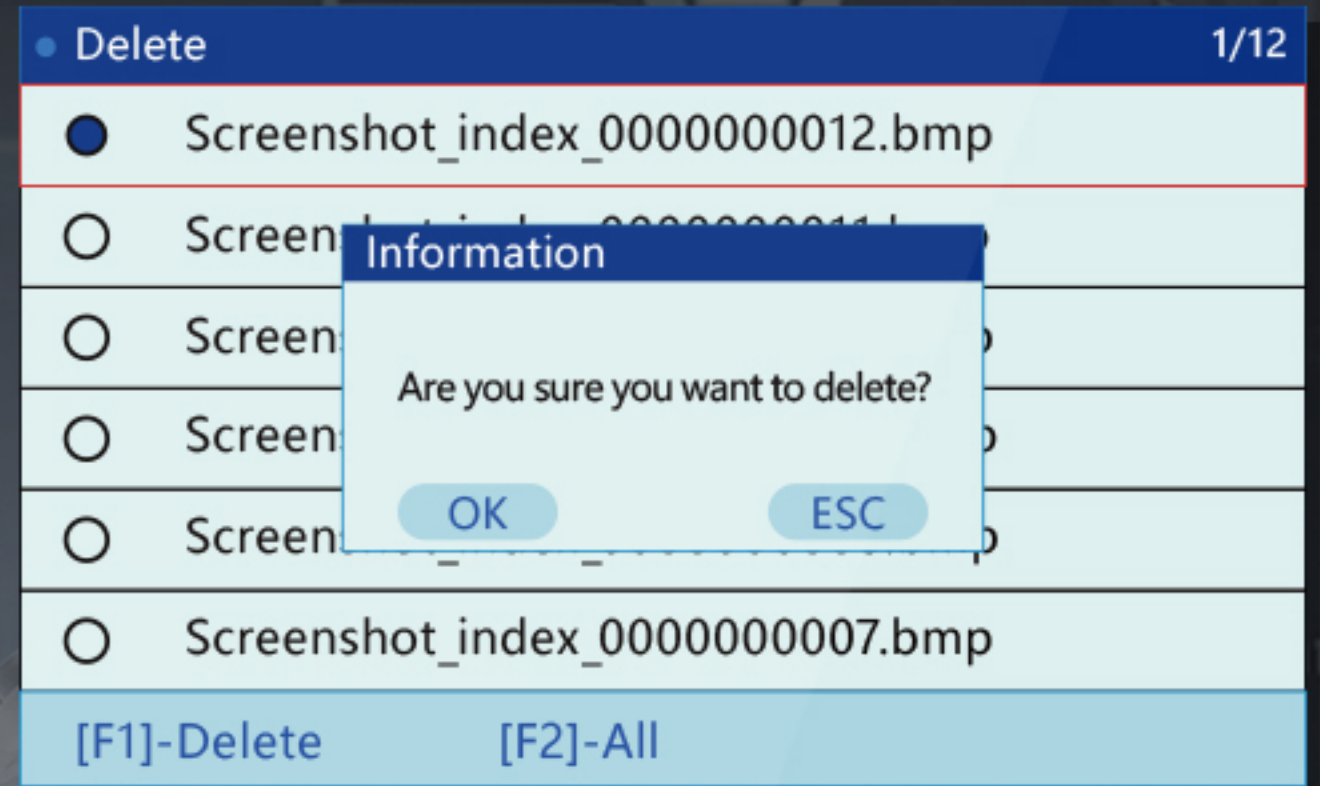


Image Deletion



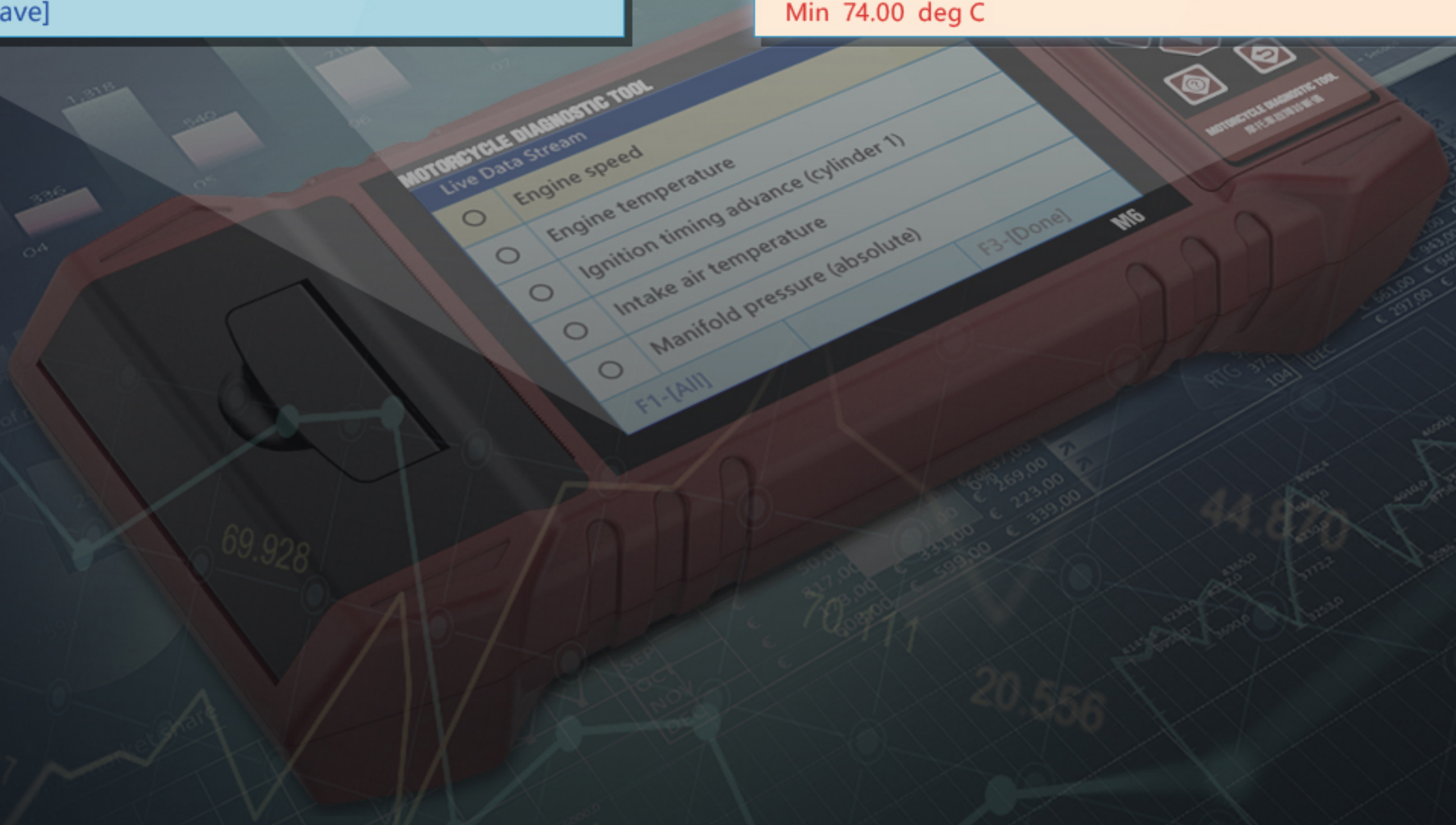
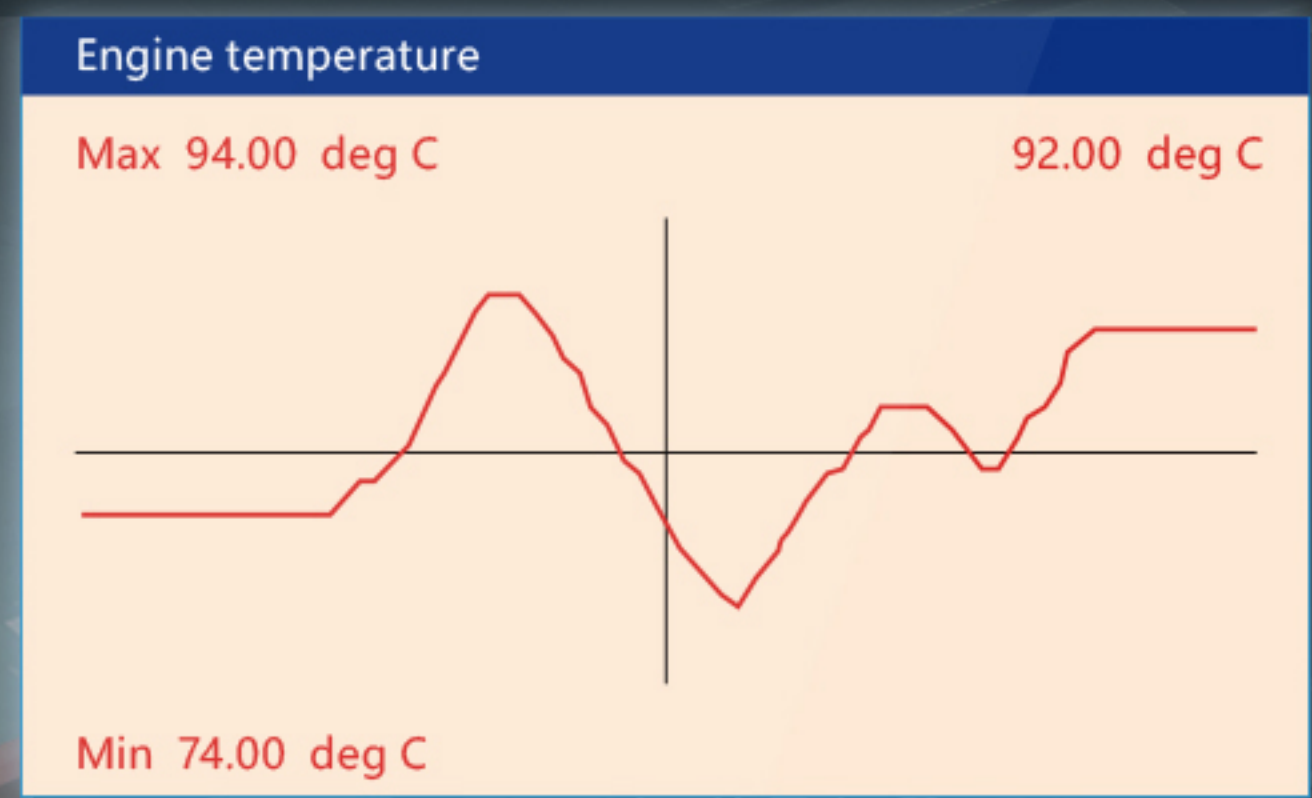
READ DATA STREAM

The data stream waveform graph automatically adapts to the data without needing manual settings such as amplitude, etc. The data stream supports viewing specific data streams rather than showing all of them.

Data Stream Display

Live Data Stream		1/7
Engine speed	0.00	rpm
Engine temperature	80	deg C
Ignition timing advance (cylinder 1)	6.00	deg
Intake air temperature	25	deg C
Manifold pressure (absolute)	101	kPa
F1-[Wave]		

Data Stream Waveform



BATTERY TEST

The product has a battery detection function that allows for cranking testing, standard testing, quick testing, and charging testing.



Cranking
Test



Standard
Test



Quick
Test



Charging
Test



104 SERVICE FUNCTIONS SUPPORTED

It supports up to 104 service functions, such as ECU reset, idle control, throttle position sensor, maintenance light reset, throttle balance, etc.



HEGO sensor



Start



Reset



Idle control



Dashboard



Fan control



Engine synchronization



Throttle reset



Parameter adjustment



Speedometer test



Purge valve



Balance pipe adjustment



Oil service light reset



Idle motor adjustment



Brake system exhaust



Fuel pump relay work



Idle actuator calibration



Exhaust flap adjustment



Carbon monoxide calibration



Exhaust throttle actuator



Engine oil maintenance light reset



Coolant probe options



Throttle position sensor



FREE LIFETIME SOFTWARE UPGRADE SERVICE

The device can be connected to a computer via a USB cable for software upgrade and updates.

Data Interface



EASY AND PORTABLE

Durable and sturdy / Quality guaranteed / Wear-resistant.

FXTUL



INTERFACE DISPLAY

Quick Test		5/5
[ECM] (Engine Control Module)	Pass	
[ABS] (Anti-lock Brake System)	Fault (2)	
[BODY] (Body Computer)	Pass	
[IP](Instrument Cluster)	Fault (6)	
[IMMO] (Immobilizer)	Scanning (71%)	
F1-[Report]	F2-[Quick Erase]	F3-[Pause]

Quick Test

Diagnose		1/7
Module Information		
Read Fault Code		
Clear Fault Code		
Live Data Stream		
Read Freeze Data		
Actuation Test		

System Diagnosis

Module Information		1/3
Calibration ID number	487D596F	
Calibration ID	0034468840270090	
VIN	LE4HG4HB6EL115665	
F1-[Esc]		

Module Information

Read Fault Code		1/8
Code: P0122		
State: None		
Throttle Position (Sensor A) Circuit Low Input		
F1-[Help]	F3-[Freeze]	

Read Fault Codes

Live Data Stream		1/7
<input type="radio"/>	Engine speed	
<input type="radio"/>	Engine temperature	
<input type="radio"/>	Ignition timing advance (cylinder 1)	
<input type="radio"/>	Intake air temperature	
<input type="radio"/>	Manifold pressure (absolute)	
F1-[All]	F3-[Done]	

Real-time Data Stream

Read Freeze Data			1/4
Engine speed	0.00	rpm	
Engine temperature	80	deg C	
Fault code	P0122		
Intake air temperature	25	deg C	
F1-[Ecs]			

Read Freeze Frame

Actuation Test		1/17
Coolant temperature warning light		
Electronic fuel pump		
Engine warning light		
Exhaust flap servomotor		
Fan		
Fuel Injector 1 test		

Actuation Test

Battery type selection		1/5
Ordinary battery		
AGM flat panel battery		
AGM winding battery		
GEL		
EPB		

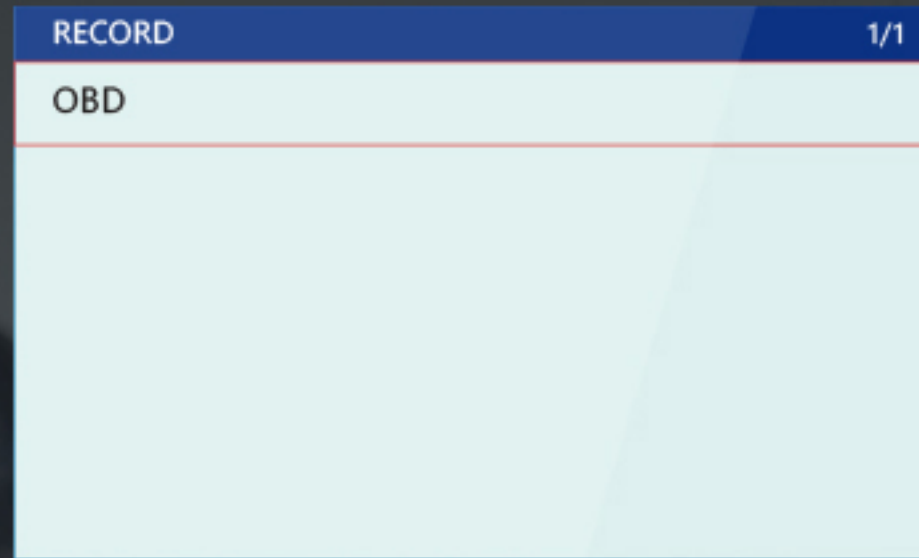
Battery Type Selection

Standard test		
Battery Life	23.90% (SOH)	
Voltage	19.49V	
Rated value	100CCA	
Actual value	28CCA	
Remaining battery	100%	
Impedance	98.59mR	
F1-[Esc]		

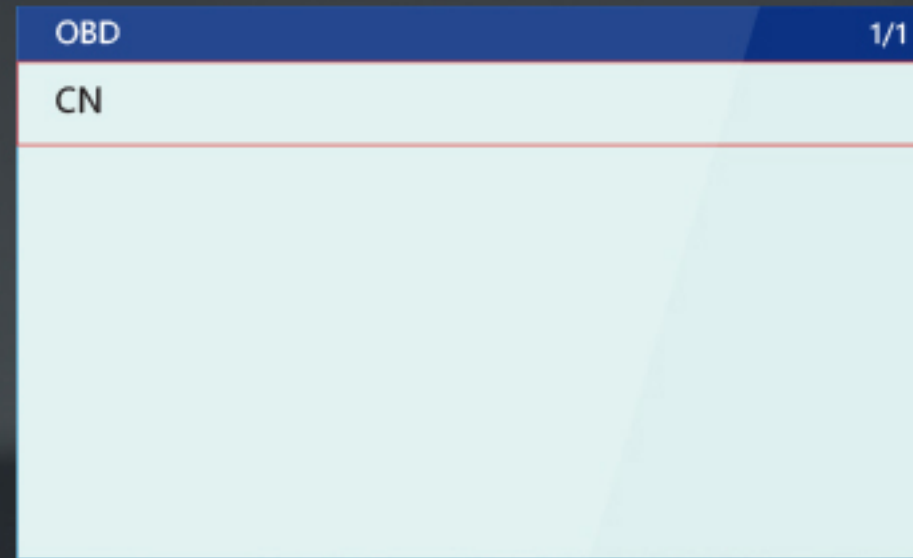
Standard Test Results

DATA RECORDING AND PLAYBACK

Used to play back the information recorded by the user during the diagnostic process.



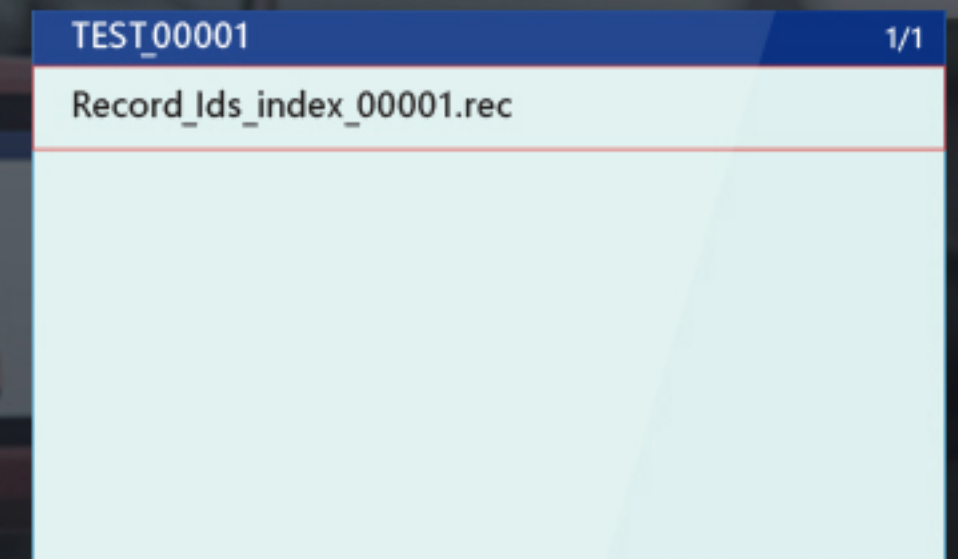
Record brand selection



Record language selection



Record event selection

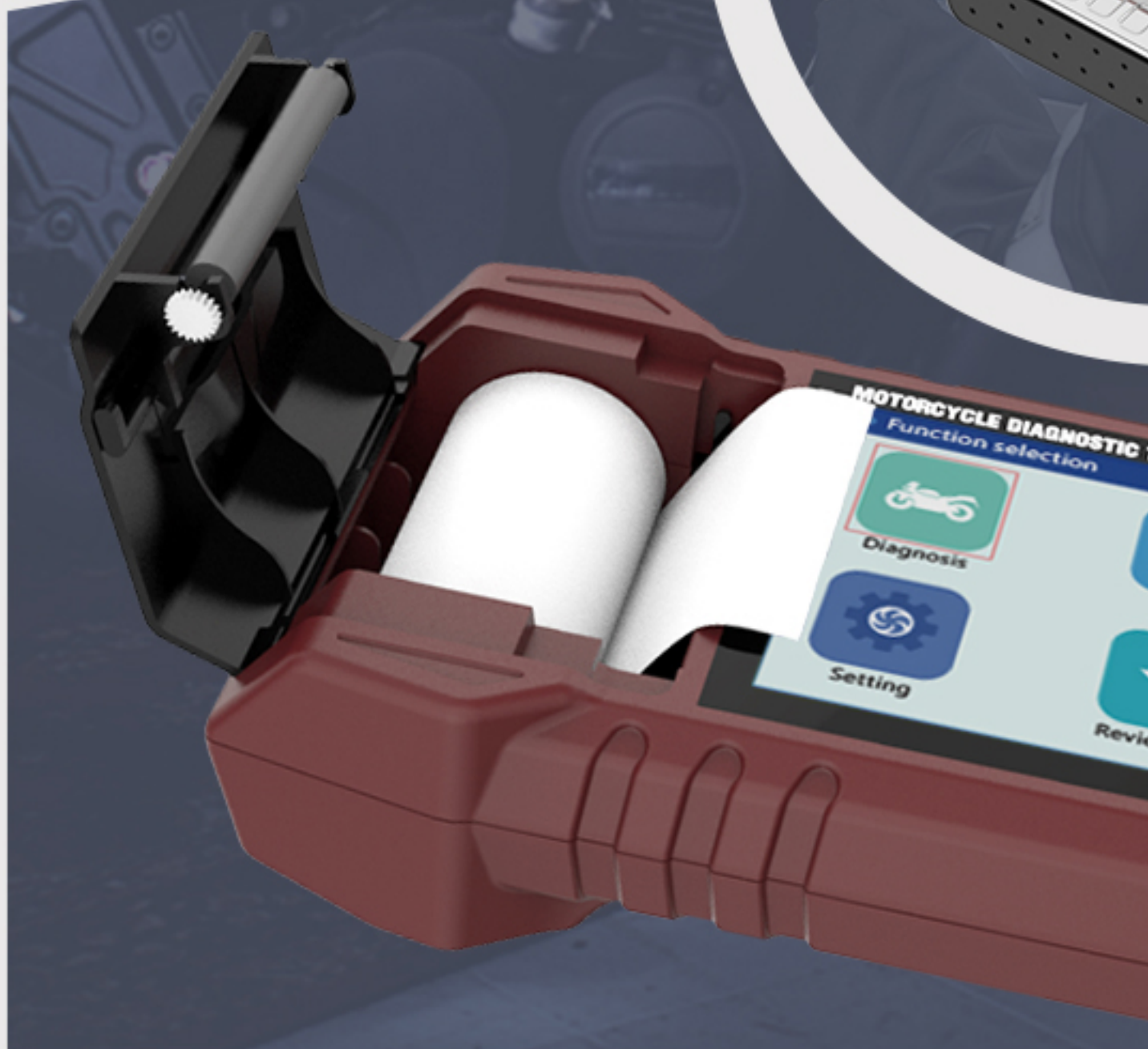
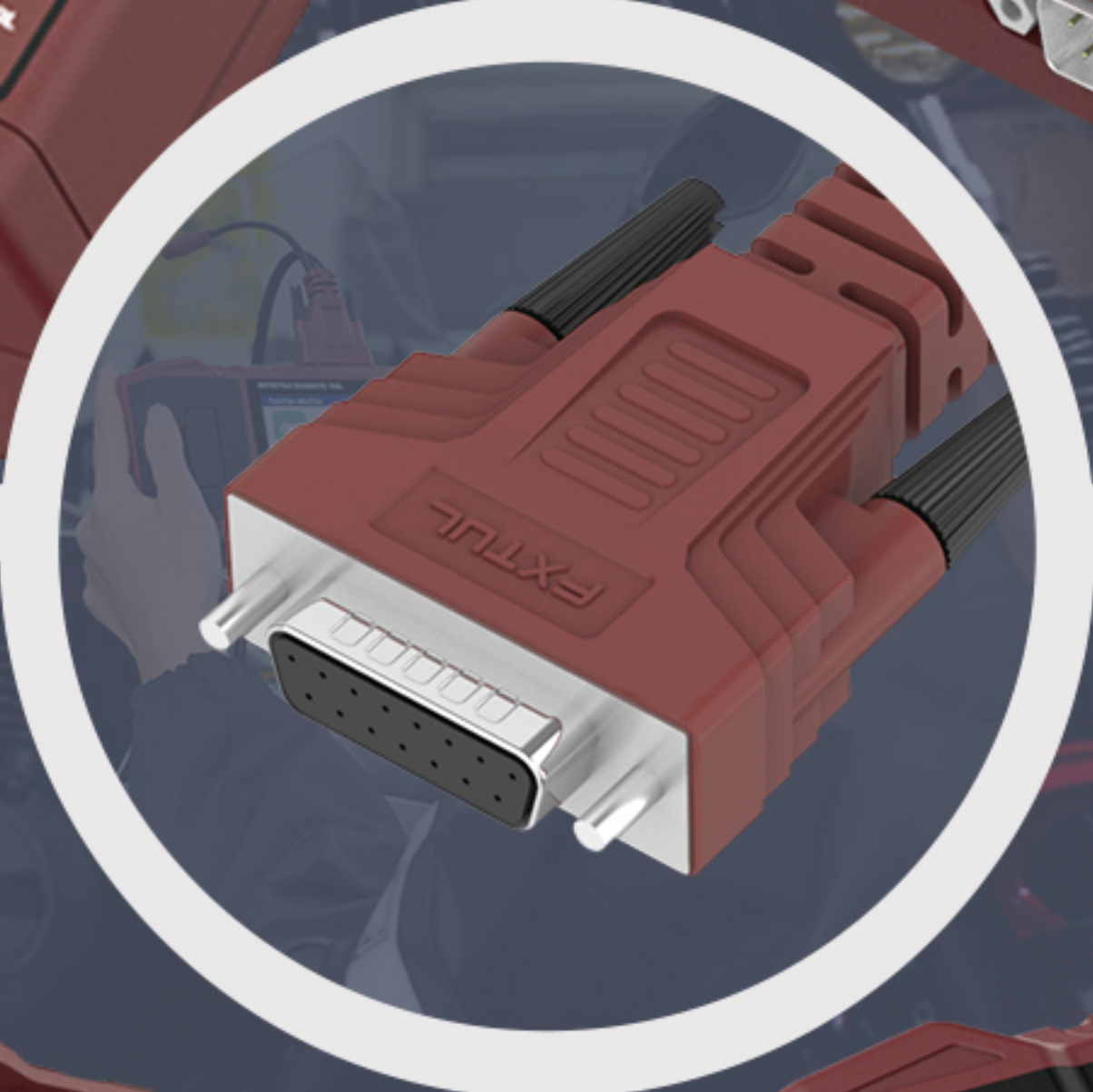


Record event file number selection



Live Data Stream		FPS: 1/30	1/27
Absolute throttle position sensor	173.14	%	
Barometric Pressure	100	kPa	
Control module voltage	12.541	V	
Engine speed	0.00	rpm	
Engine temperature	9	deg C	
[F1]-ECS	[F2]-[+1FPS]	[F3]-[-1FPS]	

Recorded event playback





1	Printer Cover	2	HD Color Screen		
3	F1	[Screenshot] (long press F1)	4	▲ ▼	Up/Down
	F2	[Record] (long press F2)		◀ ▶	Left/Right
	F3	[Print] (long press F3)	5	OK	[Confirm]
6	↶	[Cancel]	7	?	[Help]



Main unit



Toolbox



USB Cable



Printer Paper



Main Cable



Power Clamp Supply / Battery Test



Manual



Color Box



OBD Cable



KAWASAKI-1/KAWASAKI-2/
KAWASAKI-2/KAWASAKI-3



SUZUKI-1/SUZUKI-3/APRILIA



Universal Cable



OBD 16P-BMW 10P



China IV Universal 6P



KAWASAKI-4/KAWASAKI-5/
KAWASAKI-6



OBD 16P-Ducati 4P



SYM/KYMCO/PGO-6P/HARTFORD



OBD 16P-Harley 4P/OBD 16P-Harley 6P



SUZUKI-2



HONDA-4P/YAMAHA-2/3/4P



KTM-6P/AEON/BENELLIPRO-6P

MULTIPLE LANGUAGE SELECTION



Turkic



Spanish



Chinese



Thai



French



Khmer



English



Portuguese



Vietnamese



German



Traditional
Chinese



Bahasa
Indonesia



CUSTOMIZABLE MOTORCYCLE MODELS

Supports 70+ motorcycle brands and models

For DUCATI

For SUZUKI

For QJMOTOR

For ADIVA

For AEON

For APRILIA

For ARCTIC CAT

For BAJAJ

For BENELLI

For BOMBARDIER

For BRIXTON

For HARTFORD

For HONDA

For KAWASAKI

For KTM

For KYMCO

For OBD

For PGO

For PIAGGIO

For ROYAL ENFIELD

For TAYO

For HARLEY DAVIDSON

For SYM

For TRIUMPH

For VESPA

For YAMAHA

For YIBEN

For BENDA

For KYMCO

For CHANGLIN

For CFMOTO

For REGAL RAPTOR

For DAYANG

For DAYUN

For FEILING

For FOTON WUXING

For FYM

For TIANMA

For HAOJUE

For JIALING

For JIANSHE

For LONCIN

For BMW

For QINGQI

For ZONTES

For WANQIANG

For WONJAN

For WUYANG-HONDA

For SUNDIRO HONDA

For XJGAO

For JONWAY

For WANGYE

For LIFAN

For SHINERAY

For ZONSEN

For HYOSUNG

For HERO

For MODENAS

For ENFIELD

AND MORE...

INFORMATION PRINTING

The "Information Printing" function allows the user to print paper-based information by pressing the "Print" button on screens such as diagnostic reports, module information, fault codes, data streams, etc.



Press and hold [F3]
key to initiate printing

The 'Operator Message' screen prompts the user to input information. It includes a text input field and a numeric keypad with letters A-Z and a spacebar. The keypad is organized as follows:

1	2	3	4	5	6	7	8	9	0
A	B	C	D	E	F	G	H	I	J
K	L	M	N	O	P	Q	R	S	T
U	V	W	X	Y	Z	.			A/a

Navigation options at the bottom are F1-[OK] and F3-[Cancel].

User / Vehicle Information Input

