

Automotive Diagnostic Solutions

# ULTRASCAN **PRO**



## **Scan tool which supports OEM functionality**

Live Data  
Activation Test  
Parameter Reset  
Key Coding  
Blackbox Flight Record  
ECU Simulation  
Digital Multimeter  
4 Channel Oscilloscope  
Ignition Pattern Analyzer  
Gas Analyzer Interface  
USB Direct PC Interface  
CAN Protocol Enabled

**512MB Large size memory card / Rechargeable Battery**



### Specifications

Internal Memory: 1 Mbyte SRAM  
 Memory Card: 512Mbyte NAND Flash memory  
 LCD: 320 X 240 Graphic LCD with backlight  
 Rechargeable battery : Lithium Ion Polymer 4000mAh  
 Input Device: Silicon keypad  
 Quality system: ISO 9001 : 2000 certified  
 EMC compliance: CE / C-tick / FCC approved  
 Dimension: 325mm(W)X178mm(H)X68mm(T)  
 Weight: 1780g

### Scanner Functions

- Asian Cars  
 Toyota/Lexus, Honda/Acura, Mitsubishi, Nissan/Infiniti, Mazda, Subaru, Suzuki, Isuzu, Daihatsu, Hyundai, GM-Daewoo, Kia, Ssangyong, Samsung
  - European Cars  
 Mercedes Benz, BMW, Volkswagen/Audi/Seat/Skoda, Ford, Opel/Vauxhall, Renault, Peugeot, Citroen, Saab, Fiat/Alfa Romeo /Lancia, Volvo.
  - American Cars  
 GM, Ford, Chrysler
  - Australian Cars  
 Holden, Ford
  - Latin American Cars  
 GM-Opel
  - Malaysian Cars  
 Proton, Perodua
  - Indian Cars  
 Maruti Suzuki, TATA, Mahindra
  - Chinese Cars  
 Chery, Great Wall, Xinkai, Chana, Hafei, Changhae; BYD etc.
- CAN enabled  
 - Generic OBD2 and European OBD compliant

### Special Functions

- Four channels Displays up to 4 scope graphs at one time
- High-speed digital scope Sampling Rate 500Khz
- 19 pre-setup sensor selection, Auto setup, Standard pattern presentation
- HOST-PRO Realtime PC Interface  
 View waveforms by PC screen through USB

### Ignition Pattern Analyzer

- Primary & Secondary Ignition Pattern
- Conventional and DLI / DIS engine
- Display Mode  
 .Individual Waveform: Single pattern for individual cylinder  
 .Parallel Waveform: Up to 6 cylinders  
 .Peak voltage bar graph display (up to 8 cylinders)  
 .Battery Voltage, dwell angle, spark time indication
- HOST-PRO Realtime PC Interface  
 View ignition patterns by PC screen through USB

### Digital Multimeter

- Dual Channel
- Voltage Meter: DC 30V
- Frequency Meter: 1hz-100Khz
- Duty Cycle: 0-99.9%
- Current Meter: 0-28A(Optional)

### Emission Analyzer Interface

Real-time Interface with IM-2400 ULTRA 4/5 gas analyzer that enables simultaneous display, record and replay of scan data and gas readings

- Reliability  
 Andros 6241 inspection level full scale gas bench
- Business Solution  
 A solution for the countries with I/M program and regulations