

## New ATIS software available exclusively for your ATS scope!



The all new ATIS V 4.02

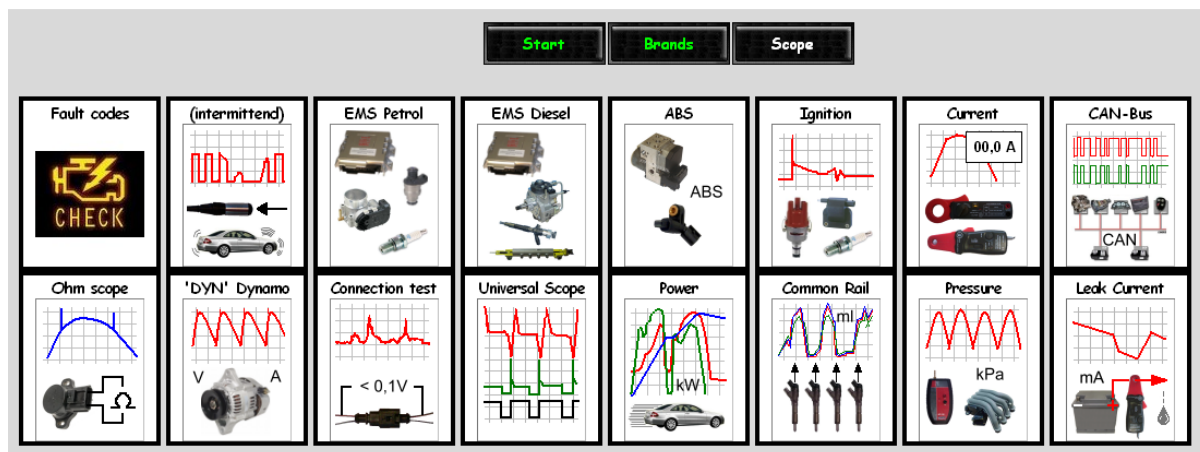
Please take the time to read about some of the new features of the software.

### New data

The new software has undergone a true transformation.

The amount of extra recorded measurements and wiring diagrams is very large and can only be fully appreciated by using it on a daily basis. The file with all the vehicles contains more than 1000 newly added vehicle wiring diagrams and measurements. Our update contains four (4) bi-annual updates from GMTO.

The pre recorded measurements and explanations on for example late model vehicles introduces you to new technologies and helps you learn and prepare for the future.



*New look main menu with some stunning options.*

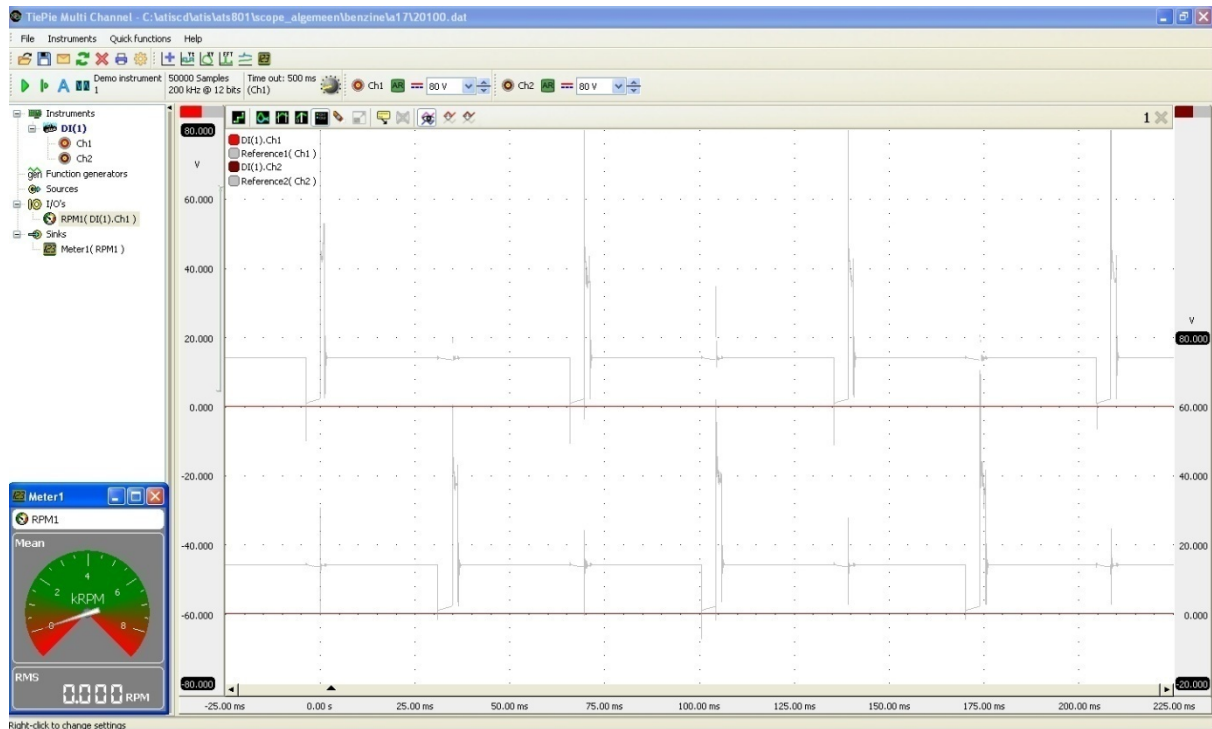
The main menu has been expanded and has far more options than the old version, look for example at the Power, Common rail leakage flow and Low pressure measurements. You have not seen this before!

### New multi channel software

**It's here!** We are the first country to have the new Multichannel software introduced.

It does take a little bit to get used to but it enables you to do **far** more, I'll train you in the use of this new software, it is a beauty!

For example while measuring a crank shaft sensor or ignition pattern let the scope calculate the RPM (cylinder individual), graph the revs and see a nice little rev counter in the corner of your screen.



ATS Multi channel software

The multi channel software also enables you to connect more than one scope to the same laptop, which creates mind boggling abilities. Consider connecting a 4 channel ATS 5004d to your existing ATS 5000. Borrow or purchase an ATS scope, I am even considering renting out a 4 channel out for those 'special occasions'.

### More sensors and actuators

There have been a multitude of new sensors and actuators added in the generic partition as a result of new systems added to the brand specific section.

The descriptions are clear and the software show with nice colour pictures how to connect, just as you became to expect from this top level scope software.

Each menu allows you multiple measurements, for example:

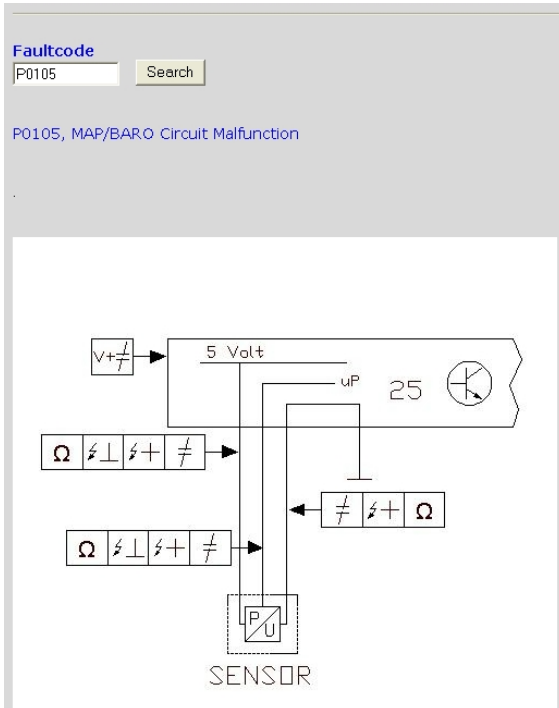
- Continuous for intermittent failures
- Signal for a live signal measurement
- Powersupply for checking the power feed
- Resistance for scoping the resistance.

The information button shows what to do when connected.  
The repair button assists in fault finding in clear plain language.



## Fault codes

The ATIS software is unique in that it allows you to type in the fault code upon which a description of the fault comes up. It also shows how visually connect a scope to the component so that a quick and easy check can reveal if the component, wiring or ECU is at fault.



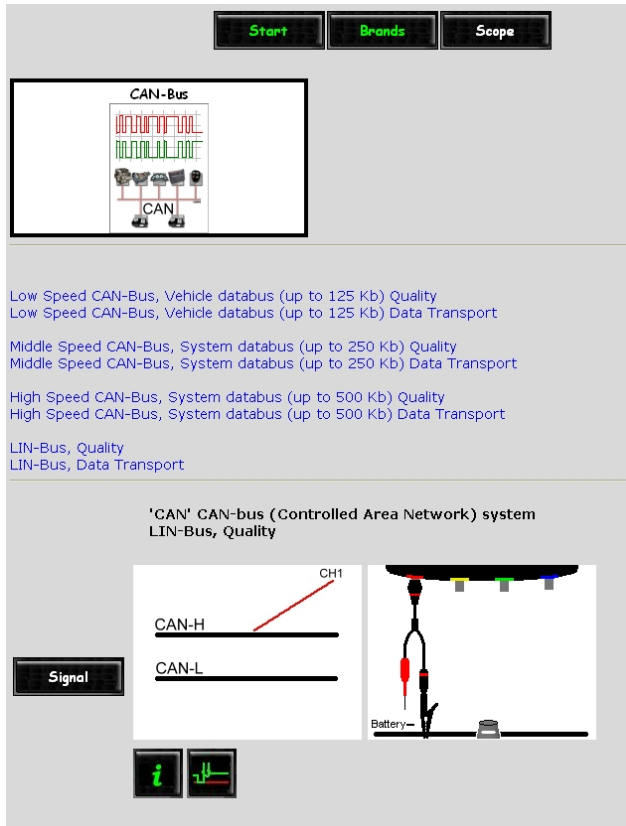
*Where do you find this level of diagnostic guidance? Type in the code and the software guides you through.*

The screenshot shows a diagnostic software interface for an Audi Q7 (EDC 16CP34). The top navigation bar includes 'Start', 'Type', and 'System'. The main area is titled 'Diagram' and contains three sub-sections: 'Diagram 1', 'Diagram 2', and 'Diagram 3'. Below these are 'Location' and 'Faultcode' buttons. The 'Diagram 1' section shows a photograph of the engine compartment with various components labeled with codes: A05, 49, 25, 203, 6, 140, A71, A121, E08, 11/12, 194, 99, 34, A121, 270, 108/13, 204, A16, 194. The 'Diagram 2' section shows a photograph of the interior dashboard area with labels 022, 080, and 083. The 'Diagram 3' section shows a photograph of the fuse box with labels 619 and 1305. On the right side, there is a 'Components:' list with various parts and their codes, including: 006 Engine Coolant Temperature sensor, 011 System relay (Earth switched), 012 Fuel pump relay (ground switched), 013 Intake air temperature sensor, 021 fuel pump, 022 Diagnostic plug, 024 Crank angle sensor, 025 Engine Control Unit, 034 EGR Duty Cycle solenoid, Fuse, 049 Camshaft position sensor (Hall), 050 Start signal, 068 Clutch pedal switch, 077 ECU connector, 080 Brake pedal switch, 083 Accelerator position sensor, 085 Glow plugs, 088 Engine Coolant heating element, 099 Fuel temperature sensor, 108 Turbo pressure sensor, 140 Exhaust gas temperature sensor, 143 Engine Coolant heating element relay, 171 Glow plug control module, 194 Active engine mount, 203 Fuel press regulating valve, 204 Fuel press sensor, 269 Steering column electronics ECU, 270 Fuel quantity delivery valve, 309 EGR cooler valve, A05 Air mass sensor (frequency), A121 Inlet air swirl valve, electro motor, A140 Exhaust pressure sensor, A16 Idle speed control motor VDO, A71 Turbo regulation module, 'ABS' Anti lock brakes, 'AT' Automatic transmission, 'CAN' CAN-bus (Controlled Area Network) system, 'DYW' Dynamo, E08 Oxygen sensor (broadband, diesel), 'FAN' Radiator fan, I09 Injector (Piezo), 'INS' Dashboard.

The brand specific section shows clearly where all components are in colour pictures, down to the fuel pump relay.

## New measurements

The new types of measurements are nice and technical. They will put your diagnostic thinking on a complete new level; the first taste some of you would have had with the Common rail training seminar when we compared the suction control valve' duty cycle with the rail pressure sensor. There are many more measurements like these.



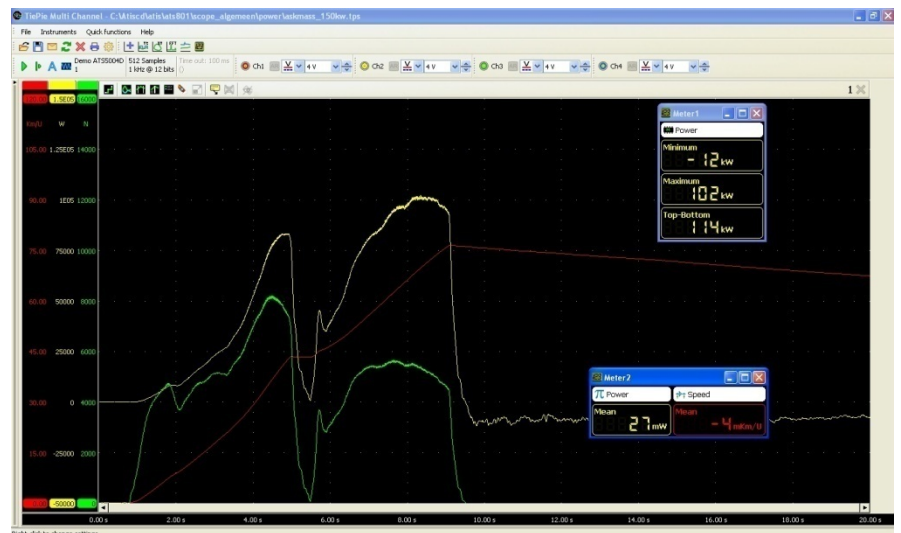
## Can data + LIN

Can data bus measurements inclusive LIN data.

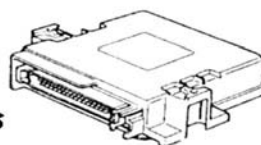
## Horse Power:

Type in the weight of the vehicle, when combined with the optional force sensor you make a Dyno graph by just fully accelerating on the road.

Best to do this before and after the repair, makes most customers proud of why they deal with you!



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