

Calming save.

***Intensive Fieldbus Diagnostic.
Detect faults before
they occur at all.***



IFD

**INTENSIVE
FIELDBUS
DIAGNOSTIC**

Reliable in every challenge.

GEMAC *IFD.*

Sporadic failures, consternation among service personnel and engineers shrugging their shoulders - with GEMAC IFD, the Intensive Fieldbus Diagnostic, these are things of the past. With the IFD technology of GEMAC, you can look deeper into the processes of your CAN-based machine than ever before.

GEMAC

Intensive Fieldbus Diagnostic helps engineers and technicians in the concept phase develop a more stable CAN bus. Through qualified acceptance testing and regular measurements throughout the life cycle, your machines and systems will meet the highest requirements for availability, safety and long-term stability. By gaining a wealth of information, you will:

- make data-based decisions
- build more stable products
- save costs
- speed up troubleshooting and repair
- minimize downtime



 <h2>CANtouch®</h2>	 <h2>CAN-Bus Tester 2</h2>
<p>Determination of the physical signal quality (OSI level 1), Quality value, edge steepness, disturbance-free voltage range, Oscilloscope</p>	<p>Determination of the physical signal quality (OSI layer 1), Quality value, edge steepness, disturbance-free voltage range, Oscilloscope</p>
<p>2-channel oscilloscope (CAN_H, CAN_L)</p>	<p>1-channel oscilloscope (differential signal)</p>
<p>Bus voltage measurement (supply voltage, shield voltage)</p>	<p>Supply voltage measurement</p>
<p>CAN levels differential and absolute, level ratio</p>	
<p>Common mode (ground shift)</p>	<p>Common mode measurement via external DSO (digital storage oscilloscope)</p>
<p>Onlinetrigger for real-time monitoring</p>	<p>Online trigger for real-time monitoring</p>
<p>Protocol monitor with symbolic decoding, trace</p>	<p>Protocol monitor with symbolic decoding, decoder for CANopen, SAE J1939 incl. ISOBUS and NMEA2000</p>
<p>Bus status with bus load, active and passive error frames counter</p>	<p>Bus status with bus load, active and passive error frames</p>
<p>Automatic quick test within 10 sec.</p>	
<p>Wiring test</p>	<p>Wiring test</p>
<p>Project management with predefined node lists and threshold values</p>	<p>Project management using measurement files</p>
<p>Automatic evaluation of all measurements with individual threshold values using smileys and traffic light colors</p>	<p>Automatic evaluation of individual measurements with individual threshold value</p>
<p>Battery operated, touch operation, archive function, screenshots</p>	<p>Operation with Windows PC / laptop, creation of a PDF measurement report</p>
	<p>Trigger output for connection of a storage oscilloscope</p>

CAN • CANopen • DeviceNet • SAE J1939 • ISOBUS • NMEA2000