

DYNTEST IdleControl, the idle limiter from CPK Automotive, saves costs and protects environment and engine

Frequent maintenance intervals for vehicles and machines are associated with high cost for fleet operators. Therefore owners are constantly looking for saving potentials. A trigger for shortened maintenance intervals are long idle times of engines. In order to reduce useless idling the automatic engine shutdown - DYNTEST IdleControl - was developed by CPK Automotive.

By shutting down the engine in idle mode, fuel is saved and the environment is protected. The installation of DYNTEST IdleControl ensures that the engines are switched off automatically in areas where they are not permitted to run in idle mode for an extended period of time. This becomes more and more obligatory due to regulations or laws. Fuel consumption and harmful exhaust gases are reduced significantly.

"DYNTEST IdleControl works independently of the combustion process and can thus be installed in both diesel and gas engines. This is a new market segment for CPK Automotive GmbH & Co. KG" explains CEO Frank Noack. "Sample calculations show that fuel savings up to 3500 € per year are achievable. Therefore the installation cost is redeemed in a very short time " says Noack.

Additionally to the shutdown function the system records the operating data and the shutdown events. The data can -as known from the DYNTEST ControlBox- be read out and analyzed via PC using the CPK terminal software. The preset parameters for the shutdown function can also be modified.

More about the DYNTEST IdleControl functionalities: A countdown sequence starts as soon as the parking brake is activated while idling. After a preset time an acoustic signal alerts the user that the engine will be switched off shortly. After reaching the shutdown time, DYNTEST IdleControl turns off the engine automatically.

In order to ensure that the engine keeps running at very high or very low ambient temperatures a temperature sensor can be installed optionally. This guarantees that the DYNTEST IdleControl switches off the engine only at ambient temperatures within a certain range. For example between 10 and 27 ° C (this temperature range can also be parameterized). This allows the engine to operate at very low temperatures for heating or at very high temperatures for cooling. Within the predetermined temperature range the engine is switched off automatically for example after five minutes idling with active park brake (also calibratable).

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