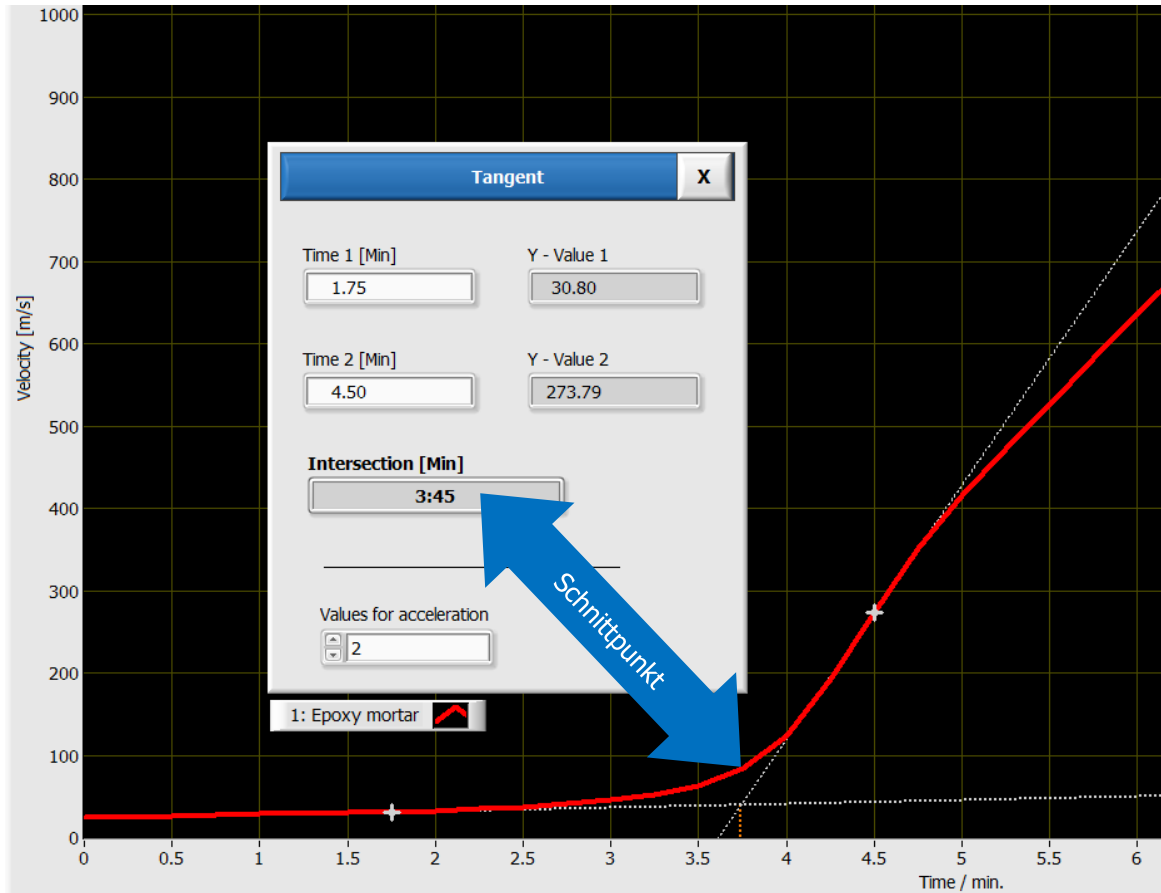
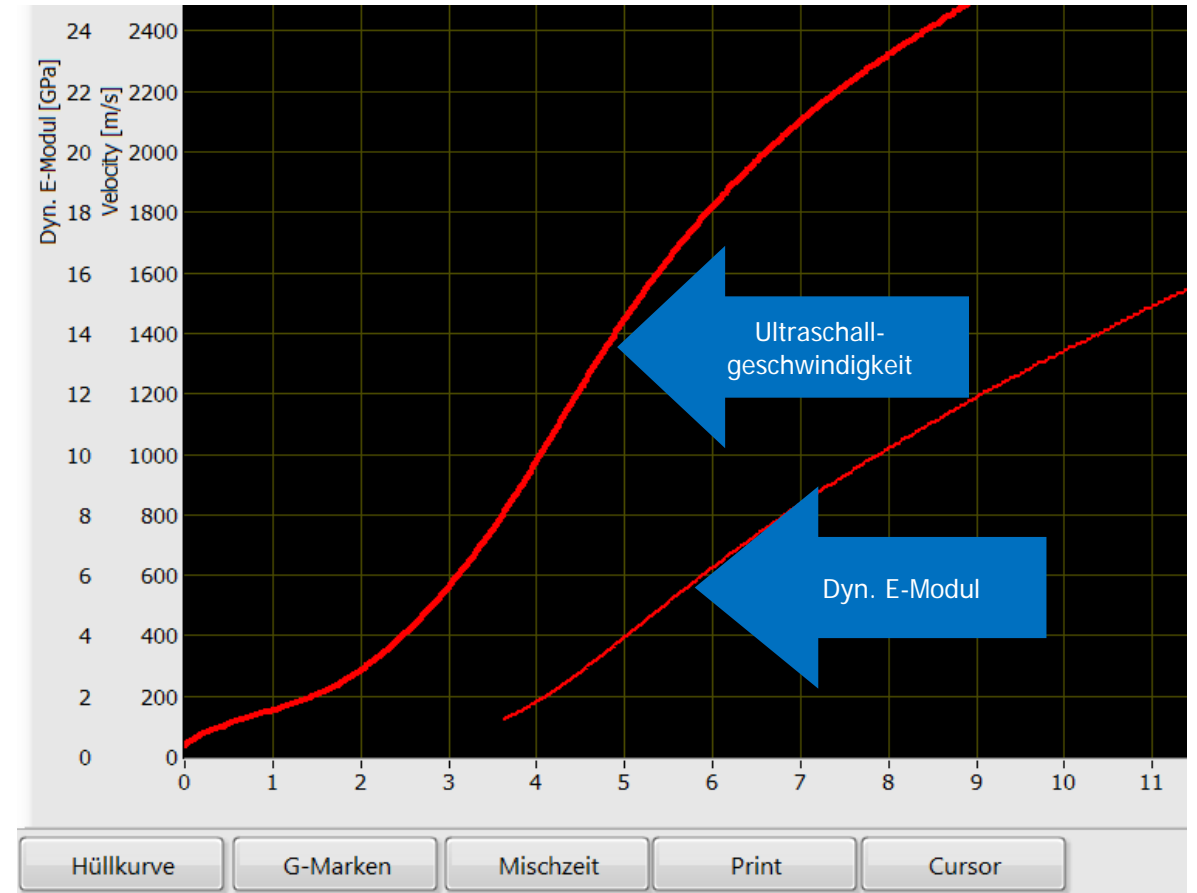


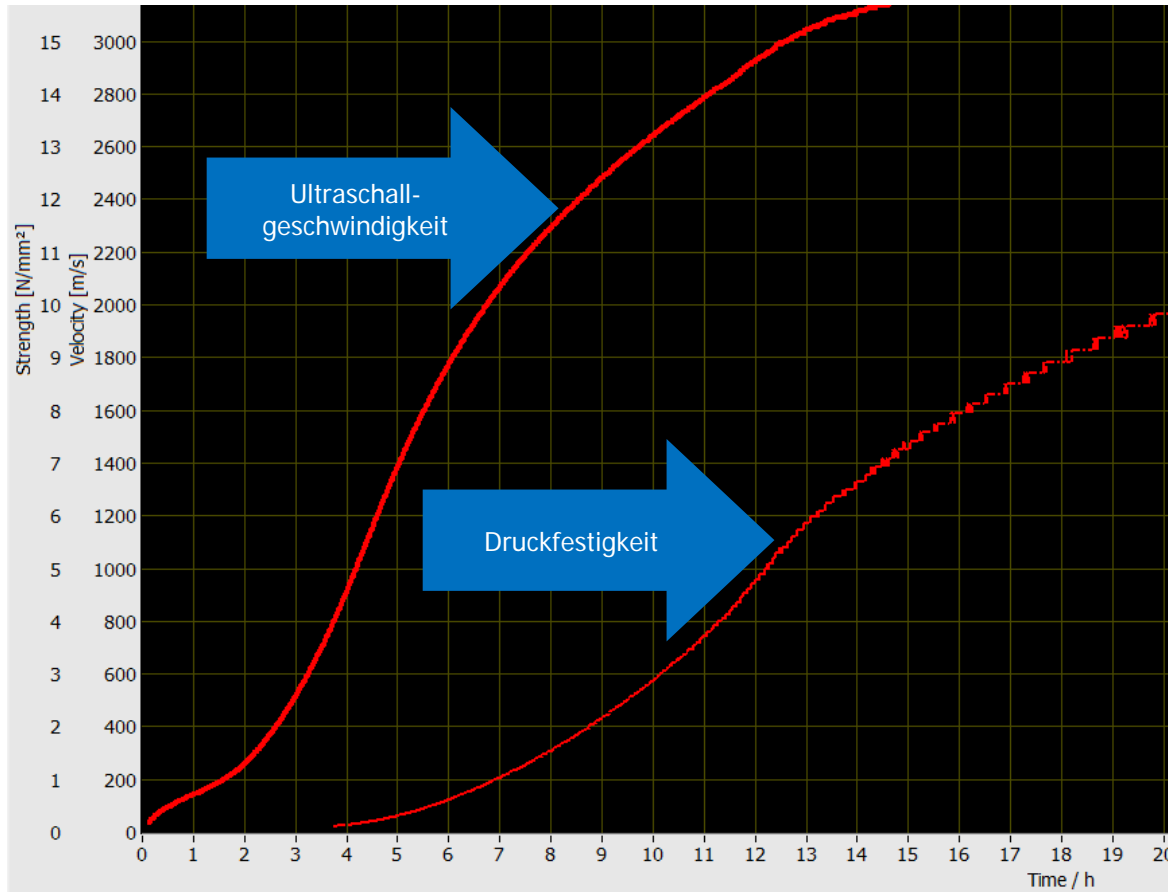
- Tangentenschnittpunkt: Bestimmung der Onset- und Offset-Zeiten



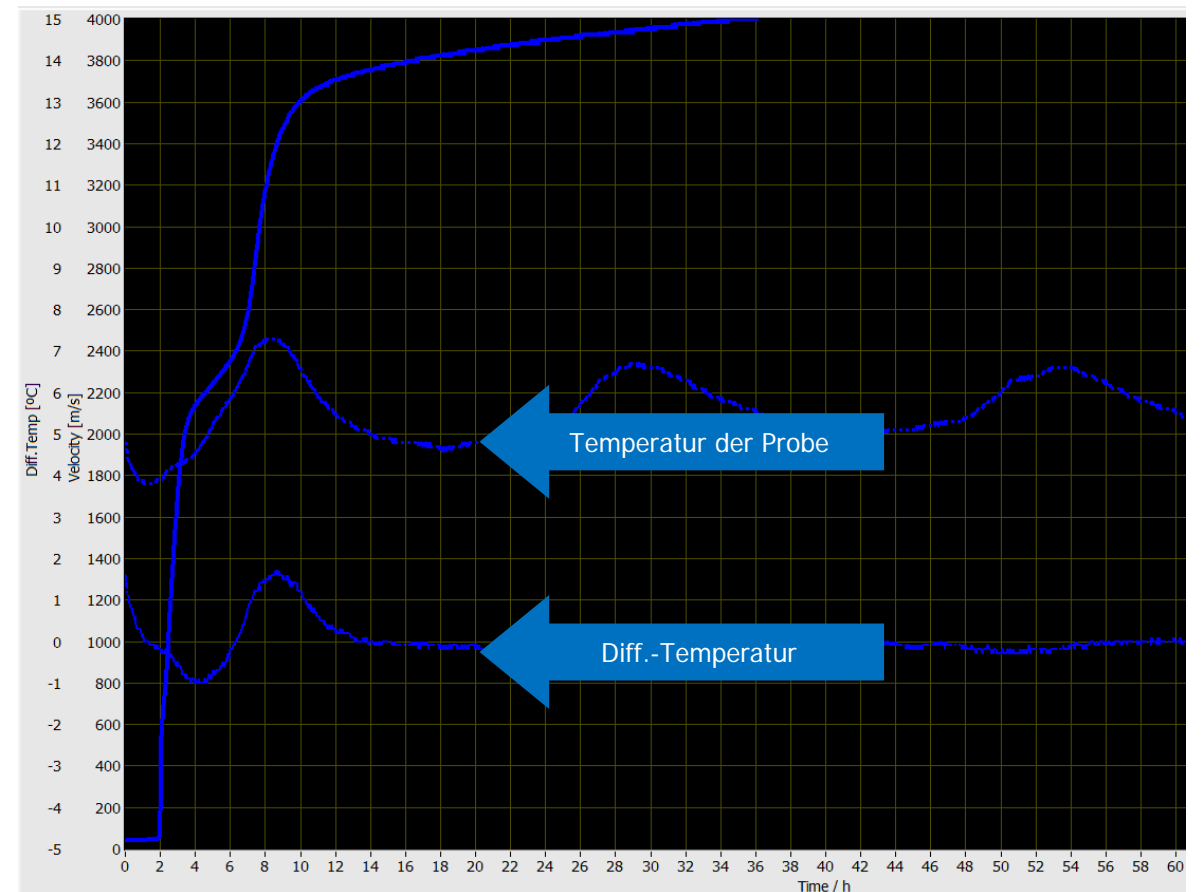
- Anzeige des dynamischen E-Moduls während laufender Messungen



- Vorhersage der Druckfestigkeit durch Korrelation mit Ultraschallgeschwindigkeit

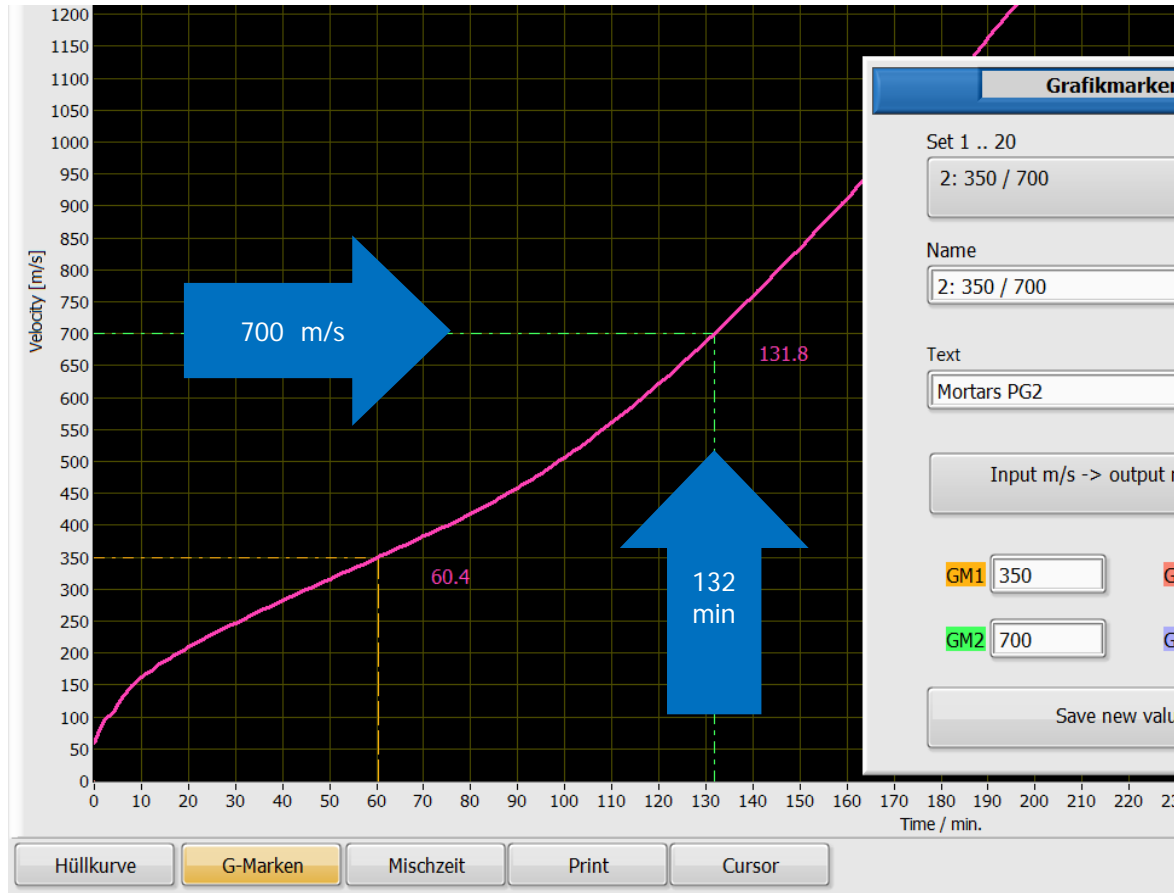


- Messung der Differenztemperatur zur Eliminierung von Temperaturschwankungen in nicht klimatisierten Messumgebungen

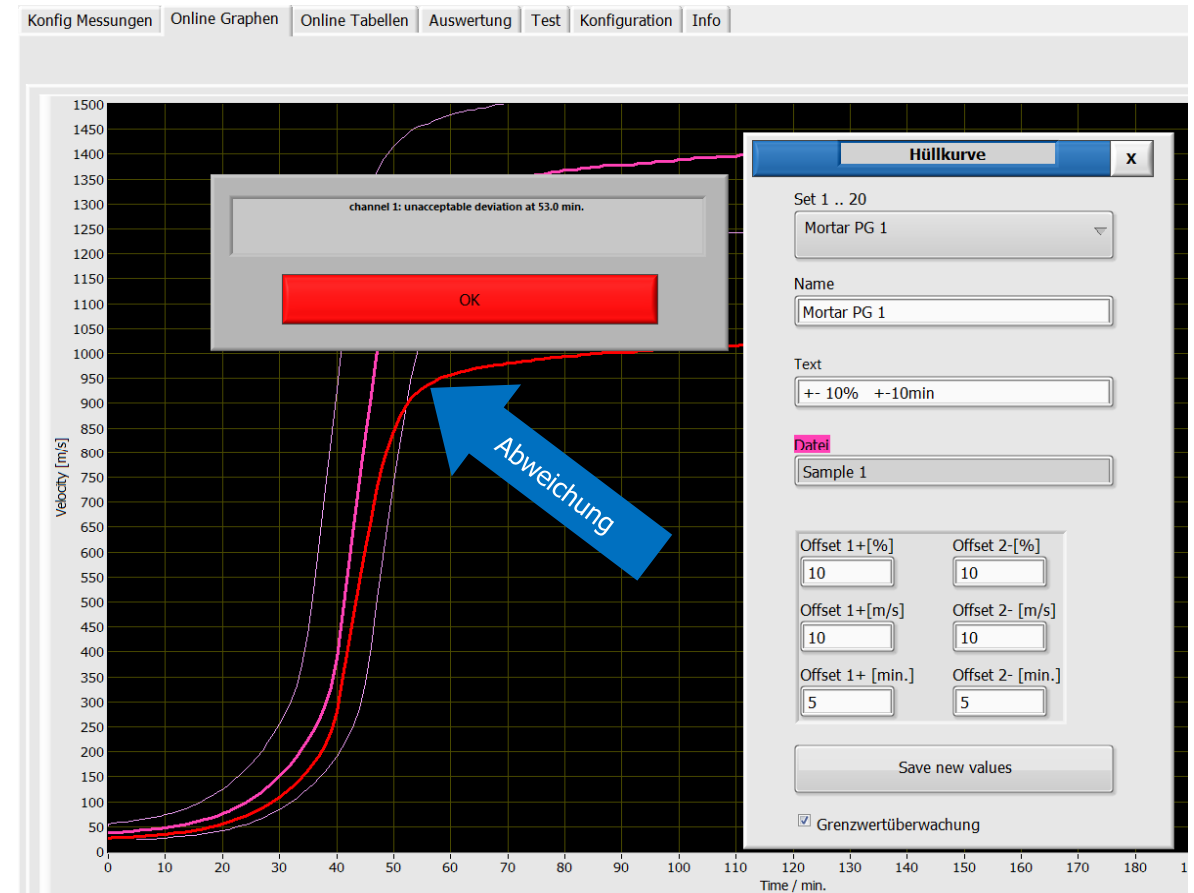


$$\text{Diff.-Temperatur} = \text{Probentemperatur} - \text{Raumtemperatur}$$

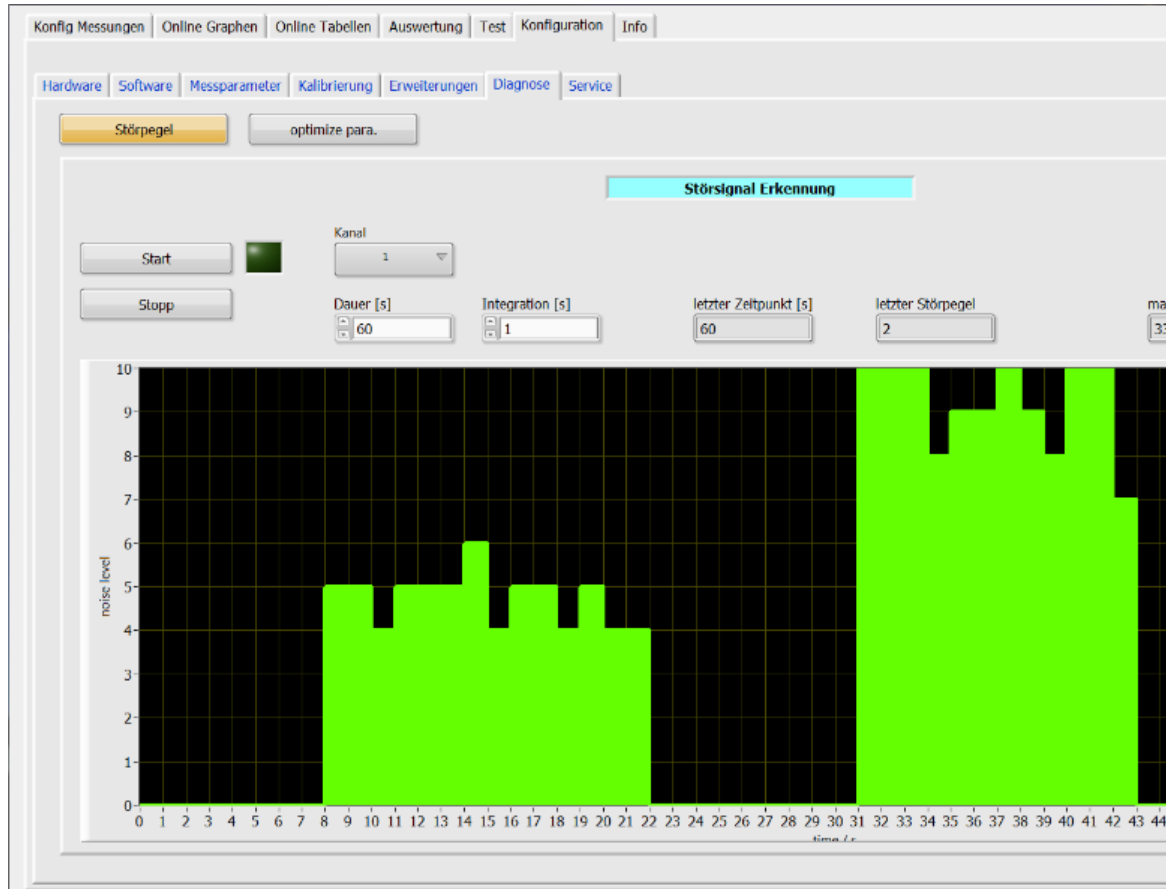
- Grafikmarken für 20 verschiedene Produkte (-gruppen)



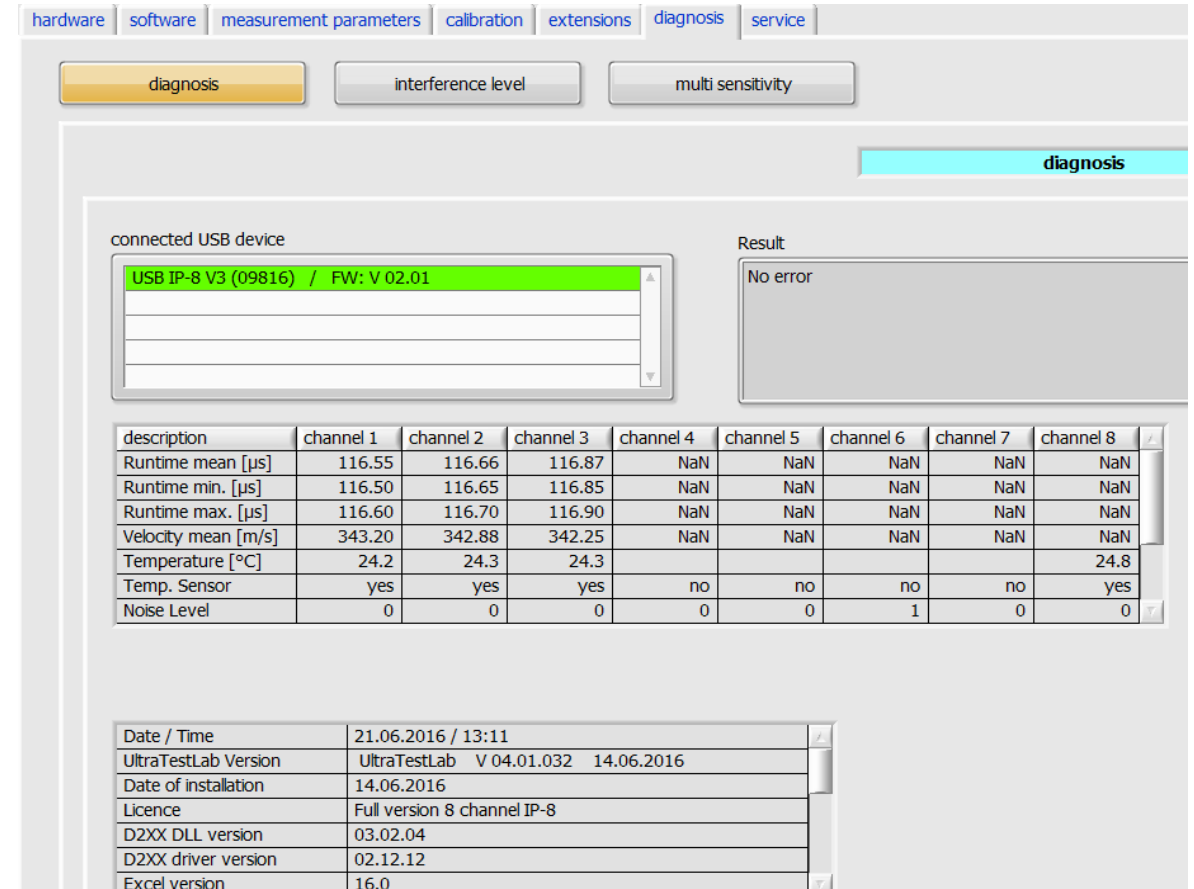
- Hüllkurven für 20 verschiedene Produkte (-gruppen)



- Integrierte Störpegelmessung zur Erkennung elektrischer, mechanischer und akustischer Störungen in der Messumgebung



- Neue Diagnosefunktion erleichtert Inbetriebnahme und Fehlersuche



The screenshot shows the 'diagnosis' interface. The main display is a table with columns for 'description', 'channel 1', 'channel 2', 'channel 3', 'channel 4', 'channel 5', 'channel 6', 'channel 7', and 'channel 8'. The table contains data for various parameters including Runtime mean, Runtime min, Runtime max, Velocity mean, Temperature, Temp. Sensor, and Noise Level. A 'Result' box shows 'No error'. A summary table at the bottom provides system information such as Date / Time, UltraTestLab Version, Date of installation, Licence, D2XX DLL version, D2XX driver version, and Excel version.

description	channel 1	channel 2	channel 3	channel 4	channel 5	channel 6	channel 7	channel 8
Runtime mean [µs]	116.55	116.66	116.87	NaN	NaN	NaN	NaN	NaN
Runtime min. [µs]	116.50	116.65	116.85	NaN	NaN	NaN	NaN	NaN
Runtime max. [µs]	116.60	116.70	116.90	NaN	NaN	NaN	NaN	NaN
Velocity mean [m/s]	343.20	342.88	342.25	NaN	NaN	NaN	NaN	NaN
Temperature [°C]	24.2	24.3	24.3					24.8
Temp. Sensor	yes	yes	yes	no	no	no	no	yes
Noise Level	0	0	0	0	0	1	0	0

Date / Time	21.06.2016 / 13:11
UltraTestLab Version	UltraTestLab V 04.01.032 14.06.2016
Date of installation	14.06.2016
Licence	Full version 8 channel IP-8
D2XX DLL version	03.02.04
D2XX driver version	02.12.12
Excel version	16.0