

SPEKTRA on the exhibition Sensor + Test

Like in all the years before **SPEKTRA** will have a booth on the exhibition **Sensor + Test in Nürnberg, Germany (18.05. – 20.05.)**. Besides our worldwide established calibration systems for vibration and acoustic calibration, the vibration control system VCS401 and the shock exciter HOP-MS will be the main highlights on the stand.

The **Vibration Control System VCS 401** will control a **long stroke Shaker type APS 113** and a **APS°400** simultaneously. The independent control channels (max. eight control channels are possible) allow a controlled output of different signals like sine, random, shock or time signal replication. In sine mode the channels can be coupled with an arbitrary phase angle in relation to a reference channel. Additional to the control channels the system can be equipped with a scalable number of measurement channels which allow to record measurement data from different input devices simultaneously.



Bild 1: Vibration control system VCS401 shown with two shakers APS400, SE-09 and a APS 145 power amplifier

Another highlight is the **Medium Shock Exciter SE-220 HOP-MS**. Based on the Hopkinson-Bar principle it is equipped with a piezo-electric exciter allowing the precisely controlled and well reproducible generation of shock signals with defined shapes and amplitude. Thus it can as well be used as a shock exciter in calibration systems as in test systems e.g. for the **characterization of MEMS**. Catch a glimpse of this fascinating new shock exciter on our booth and discuss your use cases with our experts.

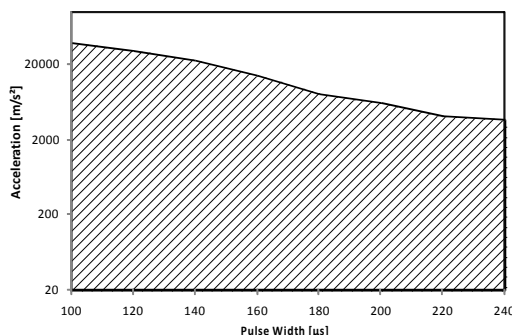


Bild 2: Der Stoßerreger SE-220 HOP-MS erlaubt die unabhängige Steuerung von Stoßamplitude und Stoßdauer

We are looking forward to seeing you:

Sensor + Test 2010, Nürnberg, (18.05. – 20.05.), Hall 12 Stand 439