



SATURN



SATURN TRANSIENT RECORDER

for BALLISTIC TESTS

Versatile measurement solution for challenging military applications with special requirements like ballistic tests and explosion trials.



The SATURN data acquisition system digitizes and stores your valuable test data and provides **specialized analysis** and reporting capabilities to turn it into results.

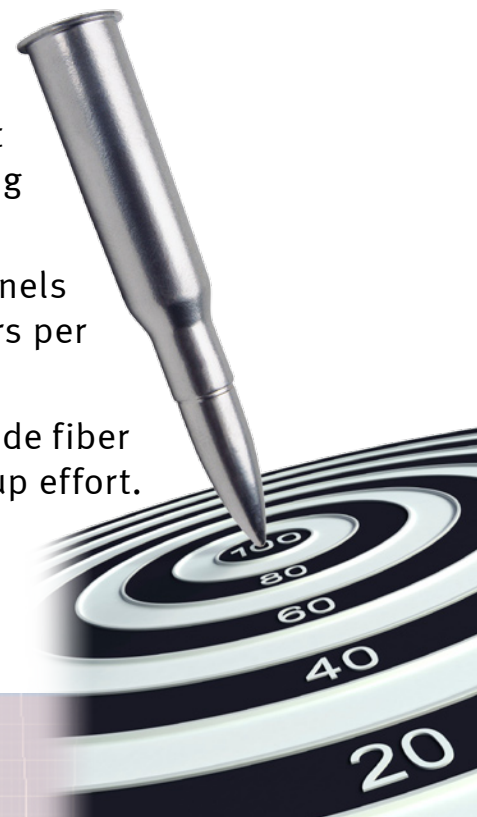
Our solutions aim for **your targets** with precise data acquisition and fast recordings.

The comprehensive SATURN product family offers both small portable units and large multi-channel systems.

SATURN Satellites (remote measurement probes) connect to the main system via **fiber-optic cables**. They allow vast test areas with several kilometers range yet maintaining synchronization among all channels at up to **100 MS/s**.

Our **market-unique** multi-channel Satellites with 4 or 8 channels hit the bull's eye and eliminate the need for individual fibers per channel, resulting in a **surprisingly affordable** solution.

In combination with digital inputs in the main system or inside fiber Satellites, fragment tests can be done with a minimum setup effort.



www.amotronics.de

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LONG DISTANCE RECORDINGS

by OPTICAL FIBER TRANSMISSION

Distributed synchronous acquisition

Synchronization capabilities

- All channels in the system
- GPS & IRIG time codes
- High speed video data

Maximum sample rates

- 3 MegaSamples/s
- 25 / 100 MegaSamples/s



12 channel FlatSaturn



8 channel Satellite



Cable drum with robust fiber

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**SATURN transient recorders turn ballistic tests
and explosion trials into scientific results!**

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