

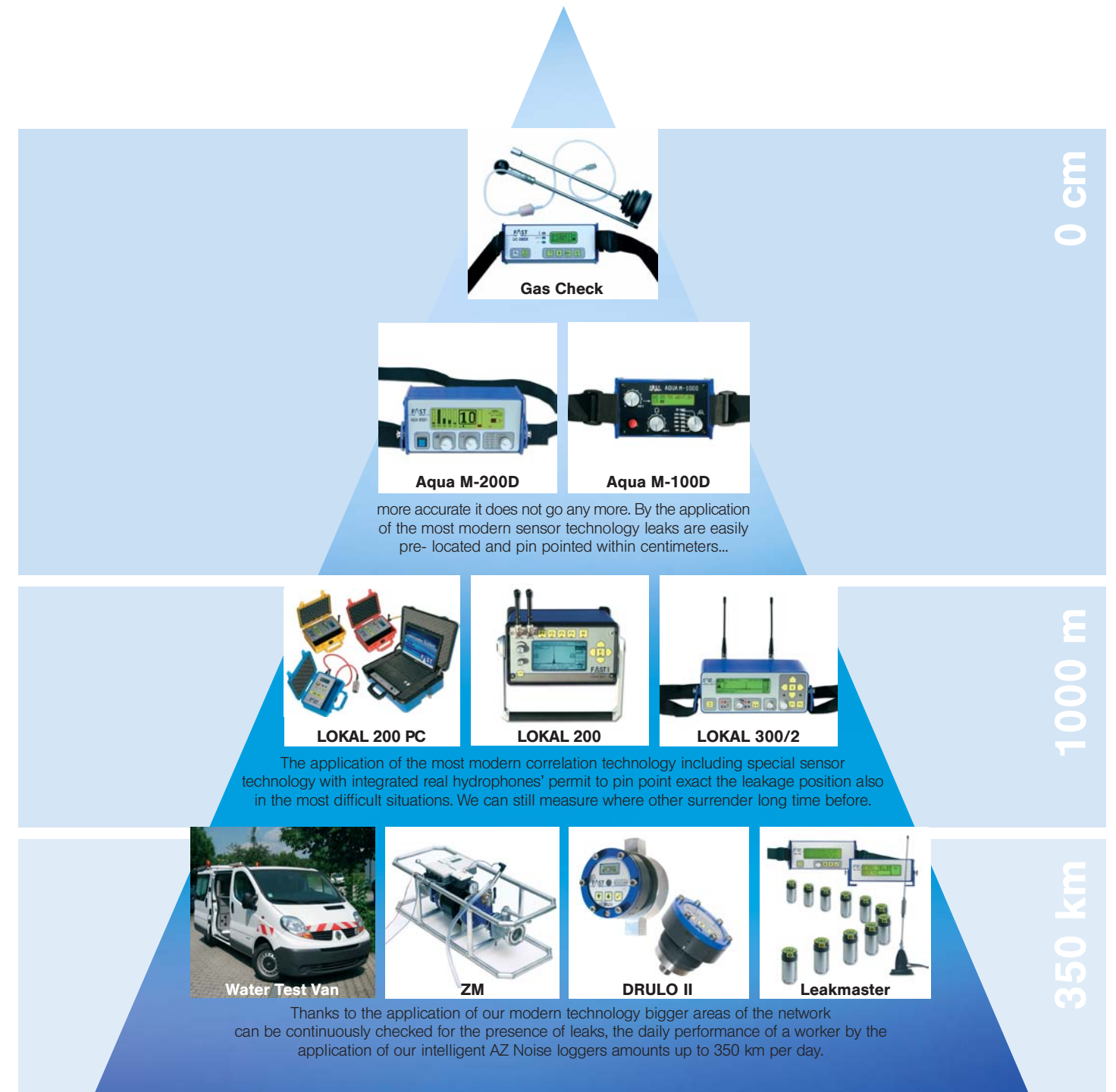
Leakmaster-System 01



**Innovation
Wasser Berlin
2009**



F.A.S.T. Service Pyramid for Mobile Water Loss Management and effective Water Loss Reduction



ISO 9001:2000

Other F.A.S.T.- Products:

Beside the products performed on top F.A.S.T. develop produces and exports still many other devices for water leakage detection including pipeline detection for metallic and non metallic pipes.

Mobile Water Loss Management

- ZM - capacity and night flow measurement
- AZ - acoustic zone measurement
- DRULO II - pressure management
- LOKAL 200 PC - digital 3 point FFT correlation
- GPS- supported data collection and archiving
- supports GIS based networks maps for display and archiving

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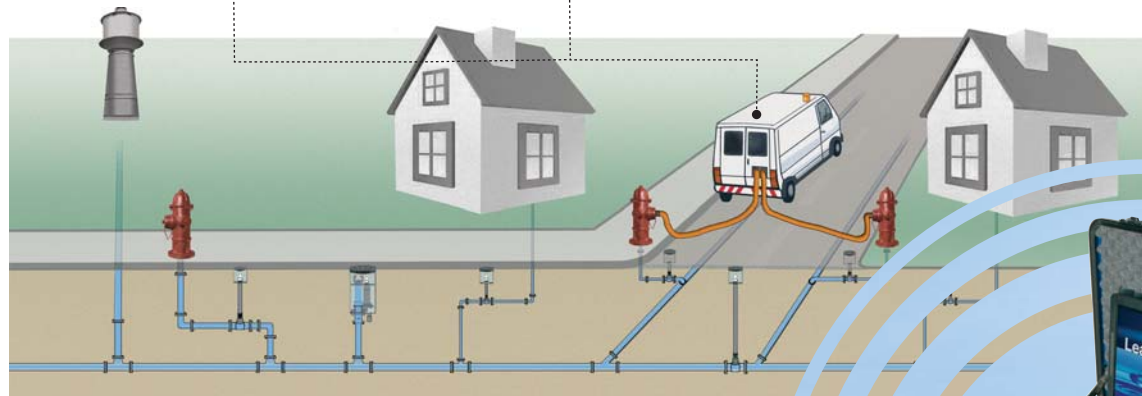
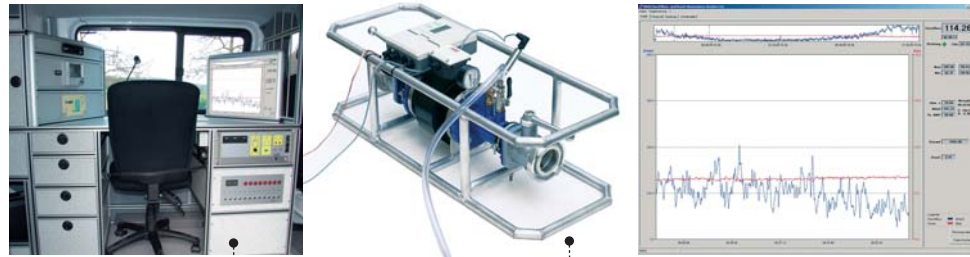
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ZM - Capacity and Night Flow Measurement

Mobile or built-in. Actual, flexible, exact and practical the remarks of our new ZM. Ideal for loss- and consumption analysis in your pipeline network.

- USB interface
- Bluetooth
- 4 MB internal Memory
- Measurement Start and Stop directly from the ZM
- Battery powered 24 hours

Software for illustrate and documentation of the measurement. The data can be stored inside or transferred on-line via Bluetooth or USB interface to the PC.

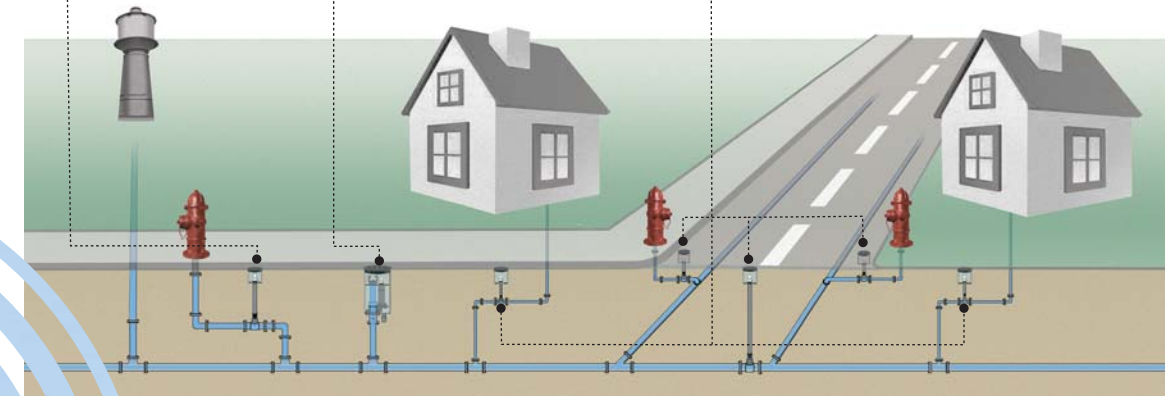
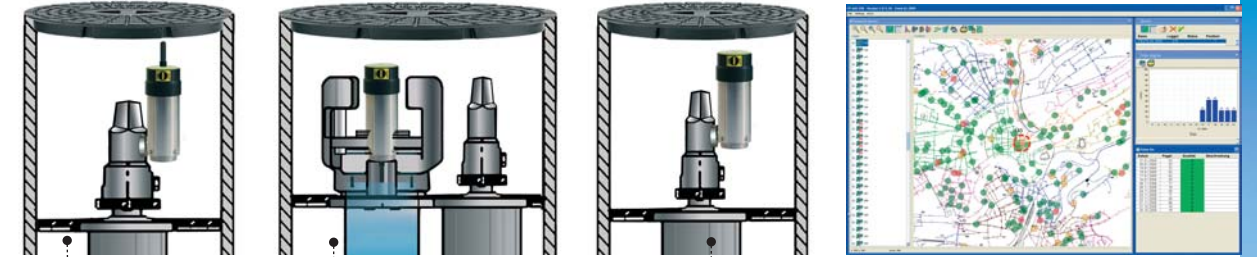


Leakmaster - Acoustic Zone Measurement

Our product line for the acoustic zone measurement allows the application of this effective technology in all situations. Especially for a current and actual data transfer the AZ loggers are equipped alternatively with radio or GSM module. The especially for transport or plastic pipelines, developed Hydrophone logger, allow a supervision of this part of the network too.

- Real 10 mW radio power
- Leak analyzing thru 24.000 measured values
- GPS supported route tracking
- GIS compatible
- Battery powered up to 10 years

Software for illustrate and documentation of the measurement. The data can be transferred via Radio/USB or GSM. Alarm Events can be transferred to a PC or mobile phone via SMS.

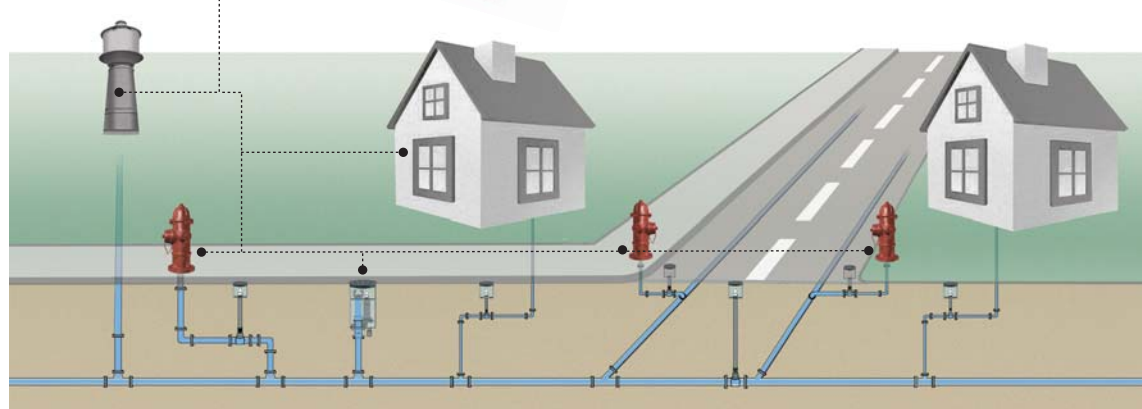


DRULO II - Pressure Management

Pressure measuring device achieving all technical and practical demands of the supply industries. Including a special function to the recognition and archiving of "Water Hammers".

- GSM module
- Internal pressure Sensor
- Integrated Altimeter
- Resolution 0,1 sec
- Battery powered for 10.000.000 measure values

Software for illustrate and documentation of the measurement. Alarm Events can be transferred to a PC or mobile phone via SMS.

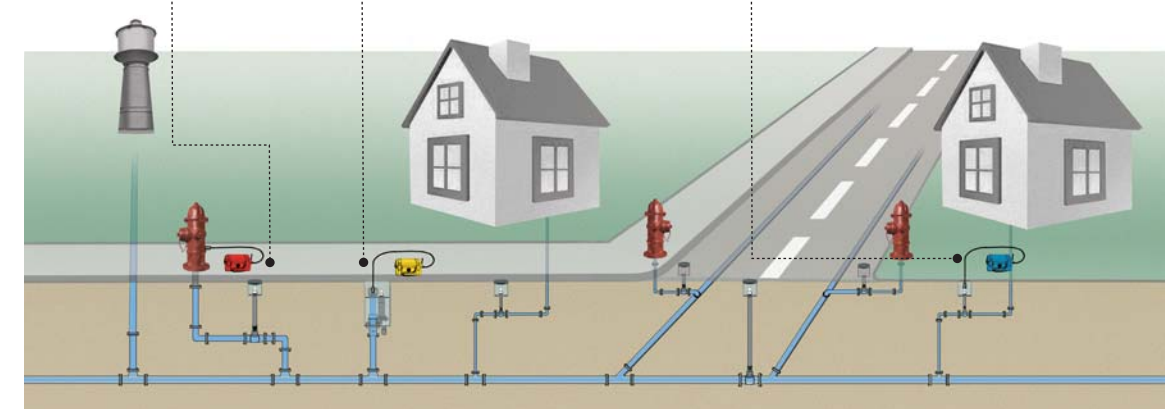
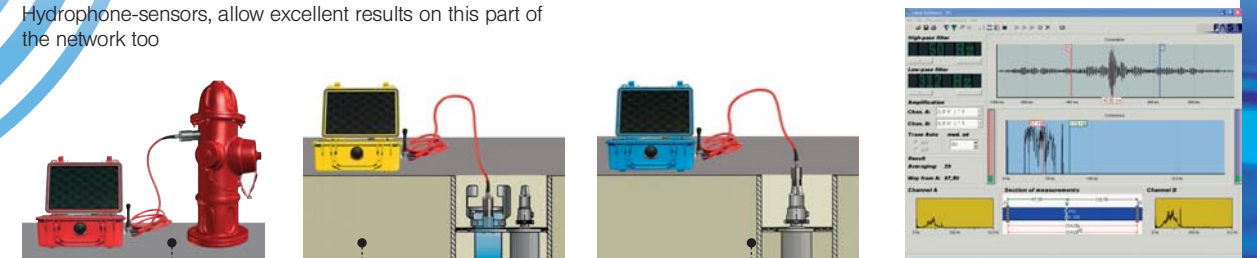


LOKAL 200 PC - Digital 3 Point FFT Correlation

With our Lokal 200 PC we introduce the most modern and strongest Correlator available. Thanks to his precipitous analogous filters and the dissipations function developed by the renowned German Fraunhofer Institute it is possible to recognize disturb noises and to suppress straight. The especially for transport and plastic pipelines, developed Hydrophone-sensors, allow excellent results on this part of the network too

- real 500 mW Radio power
- FFT function
- Coherence function
- 3 point correlation
- GPS- supported data collection and archiving

GPS supported Software for 3 point correlation. Automatic calculated filter settings and leak recognition



Leakmaster-System 01

Unique and complete system for mobile water loss analysis and water loss reduction. Equipped with the most sophisticated software and hardware tools.