

PRESS RELEASE

From Rain Water Management to Road Safety

OTT Hydromet Presents Measuring Technology for Municipalities

Kempton/Allgäu, Germany, May 2016. OTT Hydromet GmbH located in Kempton/Germany will present a number of products at the 2016 IFAT Trade Fair in Munich/Germany that are of interest for municipal water management. There will also be something for all those who have to ensure safety on roads.

A special highlight presented at our booth is the OTT Pluvio² S weighing precipitation gauge. The compact precipitation gauge is excellently suited for urban hydrology. Even in heavy precipitation of up to 3000 mm/h, it reliably delivers exact values. It may be installed on any flat roof and is easily mounted to existing 2-inch pedestals. Moreover, it requires low maintenance, has little power consumption, and easily integrates into existing control systems. This renders the unit interesting when it comes to controlling rain water discharge.

Also, the OTT netDL datalogger family comes up with innovations. The robust IP loggers have already established themselves in environmental monitoring, as they feature powerful memory, energy efficiency, multitasking capability, and extremely flexible communications. Whether dedicated line, encrypted HTTPS data transmission, or industrial communications connectivity – everything is possible. The built-in modem (optional) is now fit for 3G mobile communications. And the enhanced internal database simultaneously accommodates up to a maximum of 120 measuring channels. Additionally, the new measurement network software Hydras 3 net is

very useful: Only a few clicks are required to manage all netDL loggers within a measurement network at once. This saves time and provides better overview.

Another attraction is the new MARWIS, an exciting instrument manufactured by Lufft, a company that has been an OTT Hydromet Group member since January this year. MARWIS is a mobile road weather sensor that reliably captures road conditions and environmental data. The smart sensor is directly mounted to a vehicle and measures the actual road surface conditions in real time. Whether ice, snow, or aquaplaning – the road condition is continuously captured, displayed, and recorded according to legal requirements. This greatly helps road or gritting services doing their work and making the right decisions. Moreover, it helps road weather forecasts to be up-to-date and indicate more precisely where caution is recommended in road traffic. This contributes to increasing road safety from which everyone will finally benefit.

What is also interesting particularly to those responsible for municipal water management: the compact ADCON systems for remotely monitoring municipal water infrastructure systems. They ensure permanent availability of critical data even from remote measuring locations. Special sensors are used to capture pipeline pressure, flow, water quality, or values from water meters. ADCON systems store the data and transmit it through radio or cellular networks to the head office. There, the data is supplied to the control system of the organisation or presented in a clearly structured manner through software. When problems are detected, alarms will be created, so operators may take action before damage will occur.

OTT Hydromet GmbH at the Munich IFAT Trade Fair

Hall A5, booth: 543

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About OTT Hydromet GmbH:

The globally operating OTT Hydromet Group can look back on a more than 140-year history with its headquarters in Kempten in Germany. It is the leading provider in Europe of complete hydrometric systems for hydrological and meteorological tasks. Its subsidiaries and agencies in more than 90 countries all over the world supply effective solutions in hydrometrics, meteorology and environmental technology.

Proudly formed from three separate companies (OTT, Hydrolab, and Adcon Telemetry), OTT Hydromet offers the combined strength and expertise of leaders in the water quality, quantity, data management and telemetry fields

Picture captions:

Picture 1: Rainwater management using OTT Pluvio² S.

The compact weighing precipitation gauge features an accuracy of 0.1 mm or 0.1 mm/min even in heavy rain of up to 3000 mm/h.



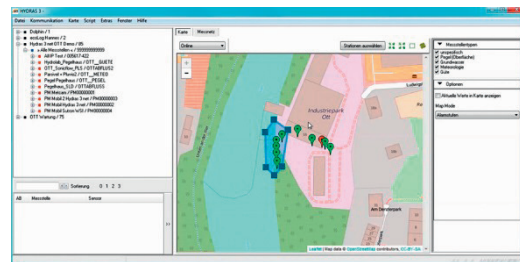
Picture 2: OTT netDL 1000/500

Equipped with powerful memory, the IP dataloggers are capable of using all common environmental monitoring communication systems and may be connected to control or PLC systems.



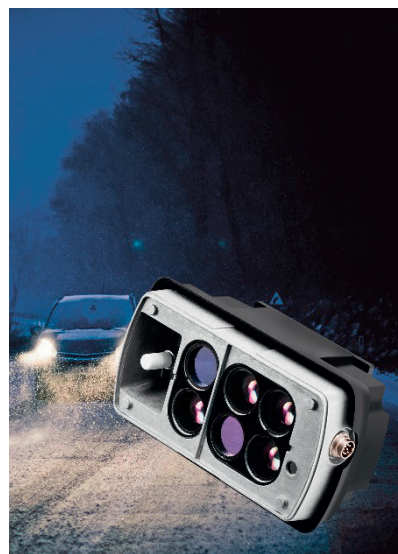
Picture 3: OTT Hydras 3 net measurement network software

Measurement network management from your office: the new software may be used to parameterise, update, or maintain the netDL dataloggers within a measurement network by means of only a few clicks – for all units at once or for selected units only.



Picture 4: Lufft MARWIS – mobile road weather sensor

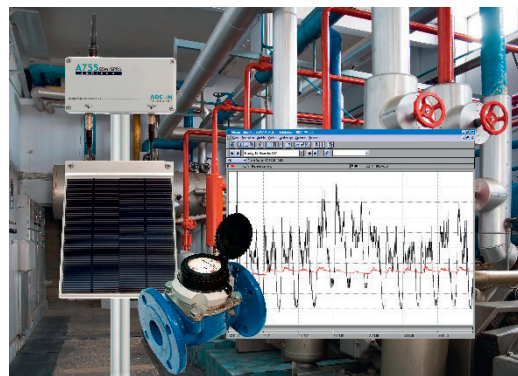
By providing real-time data reflecting the current road conditions, the smart sensor provides more safety in road traffic.



Picture 5: ADCON radio systems

Easy-to-use solutions for monitoring water supply and sewage disposal systems.

ADCON radio systems indicate problems before damage will occur.



Source: OTT Hydromet GmbH, Fotolia; publication free of charge provided the source is indicated