



**PUMPS**

**STATE-OF-THE-ART  
DIGITAL SOLUTION FOR  
COMMUNICATION  
WITH PUMPS**

**METRIS PUMPKIT**

**ANDRITZ**

**ENGINEERED SUCCESS**

# Metris PumpKit – the flexible, digital solution for your pumps

ANDRITZ offers premium pump technology from a single source, covering everything from development, model testing, design, manufacturing, and project management to after-sales service and training. ANDRITZ constantly strives to meet any new requirements and address tomorrow's challenges today.

This is why ANDRITZ has developed a state-of-the-art digital solution for real-time communication with your pumps – the Metris PumpKit. A reliable way to collect and evaluate your data, the ANDRITZ PumpKit is a configurable monitoring system with an independent dashboard that is easy to install in a wide range of setups.

## METRIS PUMPKIT

The PumpKit automatically analyzes large volumes of data and provides clear evaluations and recommendations for action. This allows you to detect any signs of damage early on and schedule the necessary pump maintenance. It also enables you to identify poor operating conditions by means of the sensors installed in combination with the evaluation algorithm, and you receive warnings and service requests under certain conditions. What's more, the Metris PumpKit detects potential for reducing power consumption, resulting in better energy efficiency for your plant along with cost savings and a lower carbon footprint.

The Metris PumpKit measures everything directly at the pump before transferring the information directly to a

secure ANDRITZ-owned cloud application. This means that your specific pump data is stored individually and other useful information can be stored at the same location.

## CONFIDENTIALITY – INTEGRITY – AVAILABILITY

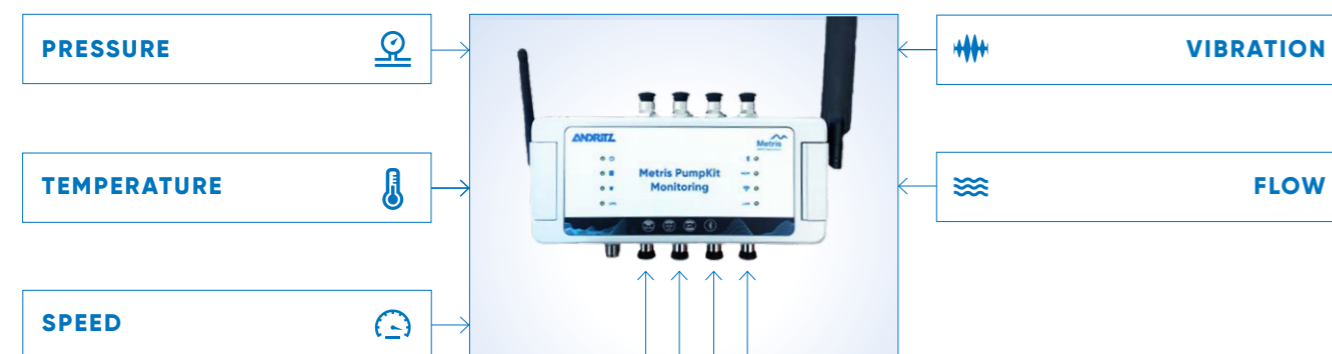
The most important characteristics of conventional IT systems – confidentiality, integrity, availability – are, of course, considered and respected. A significant advantage in complying with these principles is that data is only collected and monitored with the PumpKit. It is not possible to control or change the operating conditions of the pumps with this system. This also ensures that no external interventions are possible to gain access and control your machines. Data integrity was prioritized during the development process just as much as ensuring data availability.

## FLEXIBILITY IS THE KEY

The Metris PumpKit can be retrofitted at any time regardless of the other systems or existing infrastructure. As a matter of fact, many existing pumps and other mechanical devices are still running "blind", as the way



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they are positioned in their plants makes observation impossible. The Metris PumpKit facilitates pump monitoring without incurring huge costs or requiring equipment upgrades and is a fast and convenient entry ticket to Industry 4.0.

## A MEMBER OF THE METRIS FAMILY

Metris is the ANDRITZ brand for innovative products and services in the industrial digitalization sector. The PumpKit is just one piece in the jigsaw puzzle of the ANDRITZ Group's complete digitalization portfolio and complements it as a flexible all-in-one solution. ANDRITZ also offers the Metris Vibe Sensor to provide a vibration monitoring solution. Vibe Sensors can be operated separately or combined with the Metris PumpKit. In addition, numerous individually configurable control systems under the Metris brand can be select-

ed to control and monitor everything from single units to complete plants.

## PRODUCT FACTS:

- Automatic notification if any limits are reached
- Easy installation, independent of any infrastructure
- Records and transmits sensor values in real time
- Real-time access to web interface 24/7, using any device in any location
- Enables long-term data evaluation and management
- Benefits from the continuous development and improvement of ANDRITZ services



## INNOVATION SINCE 1852

The internationally renowned ANDRITZ GROUP has been building pumps for almost 170 years. We offer innovative and targeted solutions with pumps and complete pumping stations. Our longstanding experience in hydraulic machine manufacturing and complete process know-how form the basis of the high standard of ANDRITZ pump engineering. Our quality and high-efficiency products as well as our understanding of customer requirements have made us a preferred partner for pumping solutions worldwide. ANDRITZ offers everything from a single source – from development work, model tests, engineering design, manufacture and project management, to after-sales service and training. We also perform complete start-up on site and guarantee our customers the best support. Our declared goal is your complete satisfaction. See for yourself!

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