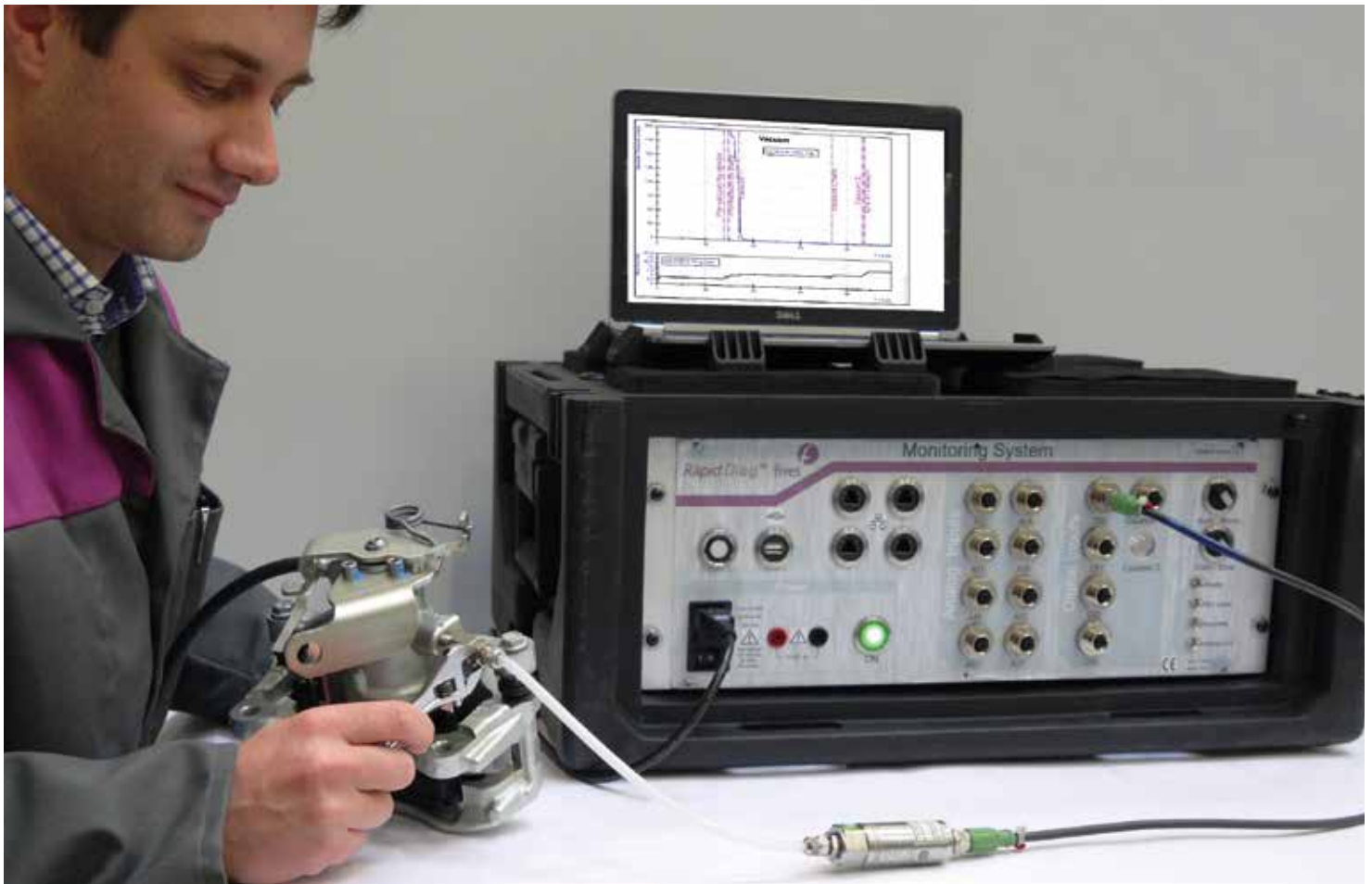


# RapidDiag<sup>®</sup>

## Complete Data Acquisition System



A pioneering solution to check real-time operations and optimize filling processes

- Compact and mobile all-in-one system
- Easy to plug and operate
- Quick, accurate and efficient diagnosis



# Fives' RapidDiag<sup>®</sup> data acquisition system is a pioneering, stand-alone and compact solution to collect real time data and optimize filling processes

## ALL-IN-ONE SYSTEM

- Real-time acquisition from both machines' PLC and external sensors
- Measures performances of the machines and validates perfect conformity to quality requirements, like evac and filling tests on brake process including vehicles
- Helps trouble shootings thanks to the data collected in the event of performance gaps
- Checks proper functioning after preventive maintenance operations
- Evolutive system allowing remote diagnosis, annual remote support, predictive maintenance, etc.

## EASY TO PLUG AND OPERATE

- RapidDiag<sup>®</sup> system packed within a flyer trolley case
- With a single connection to machine, monitoring can be done any time without stopping production
- Compatible with all pressure and vacuum 4-20 mA sensors
- Fives' specific ergonomic HMI
- Possible Stand-Alone acquisition without laptop



## ACCURATE, QUICK AND EFFICIENT DIAGNOSIS

- Calibrated PC boards for accurate measurements
- High sampling frequency
- Settings, data, sensors and actuators status collected in one filling cycle
- Online data monitoring through laptop interface

Technical features	
Communication ports	Up to 3 x RJ45 inputs for: <ul style="list-style-type: none"> <li>— Connection to laptop</li> <li>— Connection to plant network</li> <li>— Connection to filling machine</li> <li>— 5Hz to 10Hz sampling frequency</li> </ul>
4-20 mA analog inputs	<ul style="list-style-type: none"> <li>— 8 sensors analog channels (16 upon request)</li> <li>— 16 bit resolution</li> <li>— Up to 1,000 Hz sampling frequency</li> </ul>
24V digital inputs	<ul style="list-style-type: none"> <li>— 4 digital channels (100 µs)</li> <li>— 1 counter channel</li> </ul>
USB	Automatic data storage on USB Flash Card for stand alone acquisition
Env. Temperatures	From -25°C to +50°C storage From -10°C to +40°C operating
Housing protection	Rugged flyer trolley case, including system, sensors (option), cables, laptop (option), bleeding screws (option)