



# PERI InSite Construction

## Determining the concrete level digitally

### **Integrated localisation of concrete**

in order to analyse the fill level and the concrete's degree of compaction – even in areas of the formwork that are hard to reach

### **Cost reduction**

by eliminating the need for test drilling or reworking

### **Higher quality of concrete**

achieved by detecting the desired compaction and minimising gaps between the concrete and adjacent components



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InSite Construction in our  
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**PERI**  
I N S I T E  
CONSTRUCTION

# PERI InSite Construction

## The Concrete Detection Kit

**PERI InSite Construction optimises the concreting work on your construction site and helps you save time and costs. The key: a measuring device, a cloud and a sensor. The ISC Concrete Detection Kit measures the concrete level even in hard-to-reach areas of the formwork and minimises the risk of gaps between the concrete and adjacent components. This ensures a high concrete quality.**

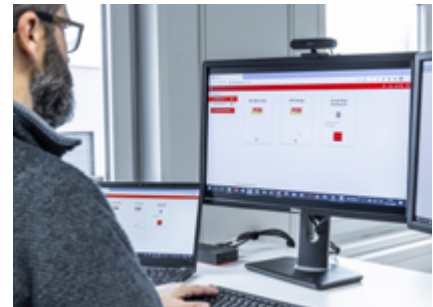
The ISC Concrete Detection Kit consists of a level sensor and an ISC Node. The ISC Node sends a signal whether the sensor is in air, water or concrete. The result is displayed on the ISC Hub display and in the ISC Web Application. This allows you to check that the concrete is also filling the hard-to-reach areas of the formwork.



The ISC Concrete Detection Sensor is remarkably easy to install: You can attach it directly to the formwork before concreting. To transfer the measured values, connect the sensors to an ISC Node.



The recorded data is sent to the ISC Hub via the ISC Node. The measurement results are shown immediately on the ISC Hub display.



Thanks to the intuitively operated ISC Web Application, you can analyse the collected data at any time, regardless of location, in order to achieve an optimal concreting result.

### Advantages at a glance:

- The concrete fill level can be checked easily – even in hard-to-reach formwork areas
- Gaps between the concrete and adjacent components are minimised

### Scope of delivery of the PERI InSite Construction standard kit:

- You can choose between a complete kit with communication unit or an add-on for your existing ISC solution.

