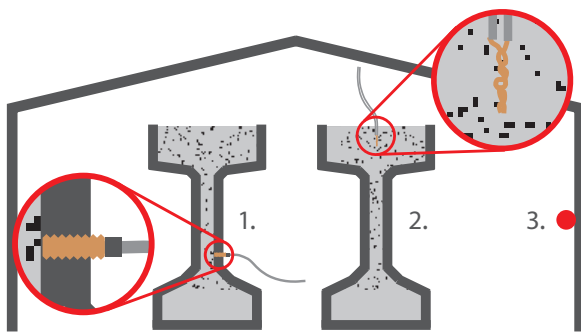




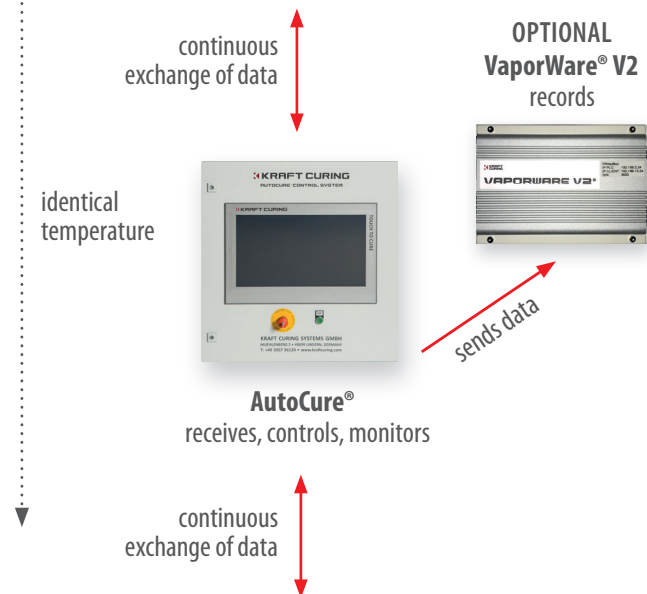
RELIABLE MONITORING OF THE CURING OF PRECAST CONCRETE ELEMENTS

The **MATCH-CURE** quality control system allows you to keep an eye on the strength of your concrete elements and make sure that they reach the required degree of strength in order to allow for the earliest possible detensioning or demoulding.



Hardening Concrete Elements

with 1. surface / 2. thermocouple / 3. environment sensor



Match-Cure
cures test cylinder/cubes

- ▶ The insulated and air tight enclosure contains test cylinders made of the same concrete composition as concrete elements being cured.
- ▶ Temperature sensors are placed in both test cylinders and concrete elements, as well as the enclosure. Temperature data from both are now transmitted to AutoCure® either per wired or wireless sensors.
- ▶ The internal electric heating (up to 70°C / 160°F, higher temperatures available upon request) of the Match-Cure oven keeps test cylinders at equal temperature as concrete elements being cured.
- ▶ Therefore it is assured that the test cylinders and concrete elements have been cured identically, which allows you to determine the strength of the concrete.
- ▶ Optional cooling system: In colder regions, where concrete elements may reach lower temperatures, an optional cooling system provides for a more controlled temperature reduction (down to 5 °C / 40 °F) in the enclosure.
- ▶ For optimal control we recommend our compact VaporWare® V2 quality management system, which measures, records, stores and prints all climatic curing data independently of a computer.

