Schleibinger Geräte Teubert u. Greim GmbH

The Schleibinger Shrinkage Drain

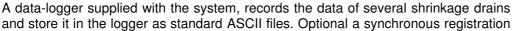


The Shrinkage Drain made of a 1m (or shorter) long ushaped stainless steel profile which contains the specimen. To avoid wall friction the drain is covered with a removable Neoprene ® sheet. On one side a removable

anchor is fixed. On the other side this anchor is movable and sliding on three wheels. The motion of this anchor is registered by a high sensitive LVDT probe.

As displacement sensor we are using a digital probe which is connected to the Probe Interface Electronics which converts the analogue signals from the probe head into a digital format.

Up to 10 probes may be connected over a digital bus system.





of temperature (RTD or thermocouples) and humidity is possible. Two temperature channels and a mixed temperature /humidity channel are available.

The logger has a network interface (Ethernet) So you can easily integrate it into local Intranet. With a standard webbrowser software you can readout the data, and visualize it. For further data handling we rechnend Microsoft Excel ® ore any similar visualization program.

No special PC

software is necessary. You need only your browser-software like Firefox ore Internet-Explorer. Optional a synchronous registration of temperature and humidity ore of a balance (Mettler, Sartorius) is possible. Two temperature channels and a mixed temperature /humidity channel are available.



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Technical data:

		Unit
Length	1000 or 500 or 250	mm
Diameter	60 * 40 or 60 * 100	mm
Measurement Range	2, 5 or 10	mm
Resolution:	0.3	μm = Mikron
Accuracy better then::	0.003	mm

Order Info

S0103	Shrinkage Drain for Mortar 60 x 40 x 1000 mm, incl. Digital probe
S0033	Shrinkage Drain for Concrete 100 x 60 x 1000 mm, incl. Digital probe
S0017	Option. Cooling and heating with a double wall drain
S0001	Data Logger for up to 10 shrinkage drains
S0013	Temperatur sensor (RTD),input + sensor
S0016	Combined humidity, temperature sensor input + sensor
S0027	Thermocouple temperature sensor input + sensor
S0008	Neoprene foil, for avoiding friction