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Intelli-Rock- Multi-Use Temperature Loggers

Economically Monitor and Document Cylinder/Beam Curing Conditions

How much time and money are you spending defending your position related to proper specimen curing conditions? The first 24 hour's curing conditions can have a dramatic effect on 28 day strengths. IntelliRock multi-use temperature loggers accurately document curing temperatures up to 3 days for only pennies a day and can be **reused 15 times**.

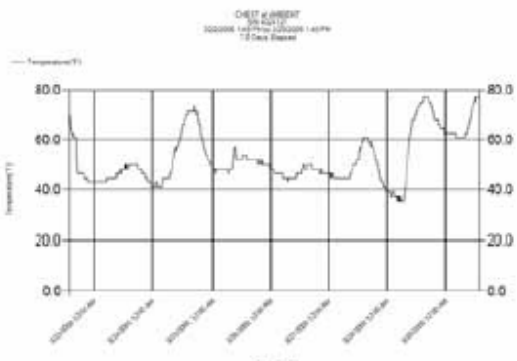
Standards require cylinders to be kept in tight temperature control in the early period of their life. This is due to the tremendous impact that early age curing temperatures can have on 28 day strength results. Improper curing conditions can lower cylinder strengths by 20%. This leads to costly project delays, additional testing, over-designed concrete, and damaged relationships between the laboratory producer, and contractor, which is an expensive process for everyone involved. IntelliRock multi-use temperature loggers provide an economical means of monitoring and documenting actual curing conditions. Used in conjunction with a thermostatically controlled curing box, such as EZ Cure, proper curing conditions are assured, monitored, and securely documented.

The IntelliRock TRL-3H3D15X logger is designed specifically for cylinder monitoring. It logs temperature every 3 hours for up to 3 days, records the max/min temperature with 1 minute resolution, and can be reused 15 times.

The IntelliRock TRL-1H2D15X logger is designed to log every hour for 2 days and is re-usable 15 times.

Time (hrs)	Event Description	Temperature (°F)
134.10	MIN TEMPERATURE	35.6
145.00	MAX TEMPERATURE	77
168.00	LAST READING	77

Max/Min Temperatures – Documented and time stamped with 1 minute resolution.



IntelliRock Temperature Profile Report

Type	Code	Operation	Re-use
Maturity	MAT-02-15M28D-8FT	Maturity and Temp Logged every 15min for 28 days	No
	MAT-02-30M28D-8FT	Maturity and Temp Logged every 30min for 28 days	No
Temp	TPL-02-1H180D-4FT	Temp logged every hour for 180 days	No
Precast	PCL-02-3H7D-50X	External Logging box for Precast Sensor Logs every 3hrs for 7days	50 times
	PCL-S4	Precast Sensor	No
Humidity	HML-02-1H3D25XS	Logs Humidity every Hour for 3days of until stability	25 times
	HML-02-1H7D15X	Logs Humidity every hour for 7days	15 times
Re-usable	TRL-02-1H2D-15X-4FT	Logs temp every hour for 2 days	15 times
	TRL-02-3H3D-15X-4FT	Logs temp every 3hours for 3days	15 times