



Gages for Concrete

KMC



● Gage Factor Approx. 2.0

Operating Temperature Range
Room temp. to 70°C

■ Concrete-embedded Strain Gages

The KMC gages are designed to measure self-shrinkage and self-stress of cemented materials. They enable measurement of the self-shrinkage of high-strength and high-fluidity concrete from immediately after placing. They are also used effectively to check for cracks of cemented materials. Usually, a T-type thermocouple is installed near the gage, while the KMC gage of H4 type does not require such the installation since it is equipped with a built-in thermocouple.

KMC Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
KMC-70-120-H3	Vinyl-coated flat 3-wire cable 3m long	Normal temp. to 70°C	3m	KMC-70-120-H3
 <p>Uniaxial wire strain gage</p> <ul style="list-style-type: none"> ● Base Size 80 x 10 x 2 mm ● Gage Length 67 mm ● Gage Resistance 120Ω ● Pieces per Pack 1 				
KMC-70-120-H4	Vinyl-coated flat 3-wire cable 3m long T-type thermocouple built in	Normal temp. to 70°C	3m	KMC-70-120-H4
 <p>Uniaxial wire strain gage</p> <ul style="list-style-type: none"> ● Base Size 80 x 10 x 2 mm ● Gage Length 67 mm ● Gage Resistance 120Ω ● Pieces per Pack 1 				