

TELEJOINTMETER TJM

Application

The Telejointmeter TJM is a measuring system with electrical transducers for the surveillance of movements of joints and cracks in rock, concrete, masonry and at steel constructions. The movements can be measured in 1 to 3 directions according to the chosen type of Telejointmeter.

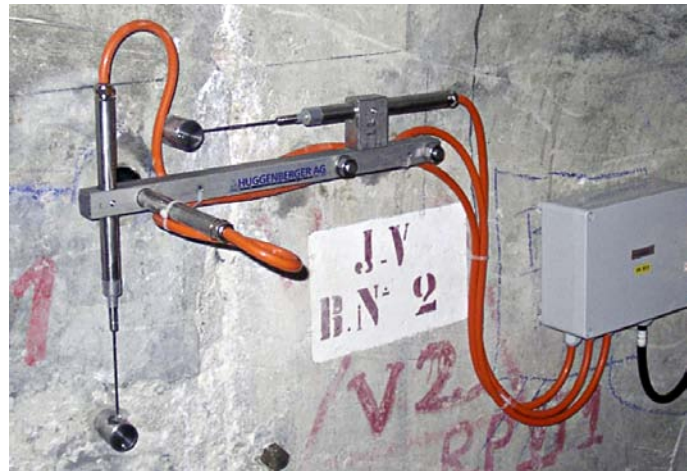
Description

The Telejointmeter consists of a fix point and a support at which the electrical transducer is mounted. The support as well as the fix point are cemented on each side of the joint using a temporary template.

The movements are measured with a portable Indipoc read-out or a data acquisition system like Huggenberger Tensologger TL.



TJM1DS type for the 1-dimensional surveillance of joints and cracks



TJM3DS type for the 3-dimensional surveillance of joints and cracks

Technical Data

Type	TJM1DS	TJM3DS
Application	1 direction	2/3 directions
Material	stainless steel	stainless steel
Fixation	steel thorns	steel thorns
Measuring base	approx. 250 mm (standard)	approx. 250 mm (standard)
Sensor	Teletensometer TTP50	Teletensometer TTP50
Measuring range	50 mm	50 mm
Resolution	0.01 mm	0.01 mm
Linearity	±0.2% FS	±0.2% FS
Reading	Indipoc, Tensologger TL	