## Model 3900 Embedment Strain Gage

The Model 3900 Embedment Strain Gage is designed for the measurement of dynamic strains in concrete structures, asphalt roadways and soils. It comprises a full bridge strain gaged proving ring coupled, between two flanges, with a spring and shaft. When the flanges move relative to one another, the tension in the spring changes and hence the strain in the proving ring. A PVC tube serves as a protective housing and holds the gage at the desired initial tension.

## Specifications

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| Standard Range | 5000 με |
| Resolution | 0.125 mV/V nominal |
| Accuracy | ±0.25% F.S. |
| Nonlinearity | <0.5% F.S. |
| Temperature Range | –20°C to +80°C |
| Active Gage Length[1] | 203 mm |

[1] *Other lengths available on request.*