



PRODUCT CATEGORY:
EXTENSOMETERS

Convergence Monitor

The RST Convergence Monitor is an economical, robust instrument for the continuous or random monitoring of ground closure in mining and civil engineering projects.

The convergence monitor consists of a sensor unit coupled to a lower, spring loaded leg and an upper, adjustable leg. The sensor itself consists of a digital indicator that displays movement in inches or millimeters.

Optionally, the convergence monitor can be modified to include the ability to be remotely read by a data logger. This is especially useful in applications where continuous monitoring is essential.

> APPLICATIONS

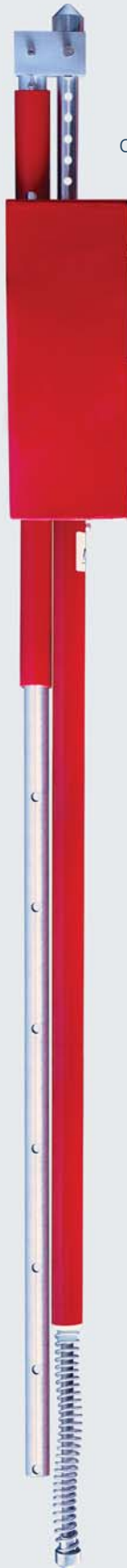
Mine development in squeezing ground.	Tunneling.
Remnant mining.	Roadway intersections.
Regional subsidence and closure surveys.	

> FEATURES

Digital indicator with standard range of 150 mm (6 in.).
Adjustable upper leg with coarse height adjustment, 150 mm (6 in.) increments, and fine height adjustment, 25 mm (1 in.) increments.

> BENEFITS

✓ Increase Safety	✓ High Accuracy
✓ Increase Productivity	✓ High Reliability



A side profile of the Convergence Monitor.



Front, top view of the Convergence Monitor.

SPECIFICATIONS

ITEM	SPECIFICATION
Standard Range	150 mm (6 in.) other ranges available.
Resolution	0.01 mm (0.0005 in.)
Span	3.7 m (146 in.) fully extended 2.06 m (81 in.) retracted (custom sizes available upon request)

ORDERING

ITEM	PART #
Convergence Monitor	EXCN0001
Groutable Seat Anchor Point (pair)	EXCN0100

Close-up view of the digital indicator which displays movement in inches or millimeters.

