

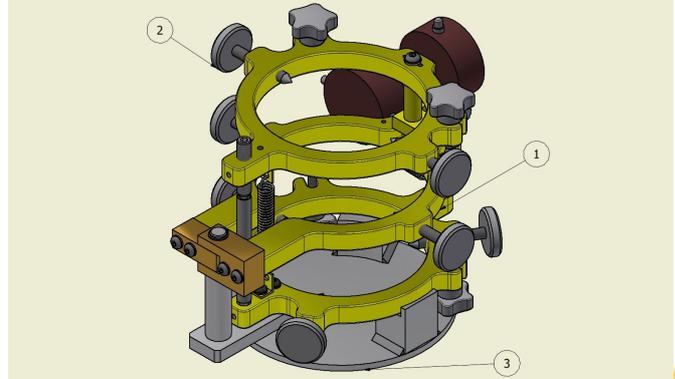
# COMPRESSOMETER

## 101-C0082-040 SERIES

Meets AS1012.17 Section 2 & 3



PARTS LIST					
ITEM	QTY	STOCK NUMBER	DESCRIPTION	MATERIAL	MASS
1	1	101-C0049-041	Compressometer Extensometer		0.950 kg
2	1	101-C0049-040	Compressometer Assembly		1.734 kg
3	1	101-C0049-42	Assembly Base	Steel, Mild, Welded	1.422 kg



**101-C0082-040**

### ASTM C469, EN 12390-13, EN ISO 9513, AS1012.17 Method 17:

Determination of the static chord modulus of elasticity and Poisson's ratio of concrete specimens  
Strain and deformation characteristics of concrete or rock specimens.  
Measure axial deformation and diametrical extension.

#### COMPRESSOMETER AXIAL ASSEMBLY

Used to determine the strain and deformation characteristics of concrete specimens. Specimens 100x200 to 112.8x220 mm.

Comprises two steel rings for clamping to the specimen, two gauge length bars, and spherically-seated lever unit.

Radial Deformation measurements for Poisson's Ratio can be added with accessory 101-C0049-41  
Excludes dial gauge or strain transducer to be ordered separately (see accessories). One required 5 to 10mm travel with 8mm dia mounting

#### COMPRESSOMETER RADIAL EXTENSOMETER ACCESSORY

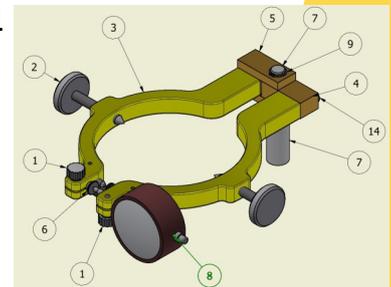
Meets AS1012.17 Section 2 & 3

To measure radial deformation and diametrical extension of cylinder specimens 100x200 to 112.8x220 mm under compression stress, by determining the elastic modulus and Poisson's ratio.

It consists of a central ring for the diametrical extension measure, to be fixed on the 101-C0049-40 compressometer.

Supplied without dial gauges or linear strain transducers to be ordered separately (see accessories). One required 5 to 10mm travel with 8mm dia mounting

**101-C0082-041**



#### COMPRESSOMETER SPECIMEN- PROOVING ALUMINIUM

This aluminium Specimen is 100 Dia \* 200 high

It allows you to test stain measurement systems for elastic modulus and Poisons ratio

The product has an approximate yield strength of 55Mpa when annealed up to 270 with a T6 Temper.

Modulus of Elasticity with a T6 Temper is approx. 69GPa and a Poisson' ratio of 0.33

**101-C0082-009**



#### COMPRESSOMETER ASSEMBLY BASE TOOL

The Base tool assists in the assembly of the compressometer onto the specimen.

The base holds the compressometer level and at the correct height to engage the compressometer locking screws

**101-C0082-042**

