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The above Photo shows dual Axial extensometer of Fixed Gauge Length of 100 MM with 5 MM compression stroke and can be fitted on square or Round samples. Whether the extensometers are to be fitted on the Thickness or width has to be specified by the user as it is factory set.(i.e. 50 MM thickness or 100 /150 mm width)

You can ignore the circumferential extensometer fitted in the centre.

The out put of both extensometers are configured to give a single out put of the Average
Of the Two Extensometers.

MOE AND PR OF CONCRETE CYLINDRICAL SAMPLES.

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REUSABLE STRAIN TRANSDUCERS ON ALL FOUR FACES OF CUBE. TWO OPPOSITE IN AXIAL DIRECTION AND TWO ON OTHER TWO FACES IN TRANSVERSE DIRECTION.

These are REUSABLE Strain Transducers which Measure pure Axial Strain in Tension, Compression and Shear Direction. The Gauge Length can be Varied from 50 MM to 200 MM, using extenders Provided. Suitable Adapters are included in the supply with Adhesive to easily and effectively mount on the sample under test.

These can be used on Cubes, Prisms, Beams, Slabs and during Structural Monitoring measurements. They need to be supported with an Electronic Console which houses both Analogue and Digital Subsystems to interface to a PC which will have our Software to acquire Data and draw Graphs to get MOE and Poisson's Ratio.

In other applications data of the any number of Transducers connected with Load will be continuously collected and then transported to Excel. They comply with IS 12872 Class 1.

PC and Printer to be supplied by you and will be interfaced to your existing CTM/UTM

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CTOD / CMTOD.

These are used during flexural test of Beams . They are fitted to the pre cracked location on the
The Beam.
Graph of Load V/S Crack opening during testing is plotted and Data analysed thereafter.

Different Gauge Lengths can be Provided with suitable stroke.
This works with our Data Acquisition Console

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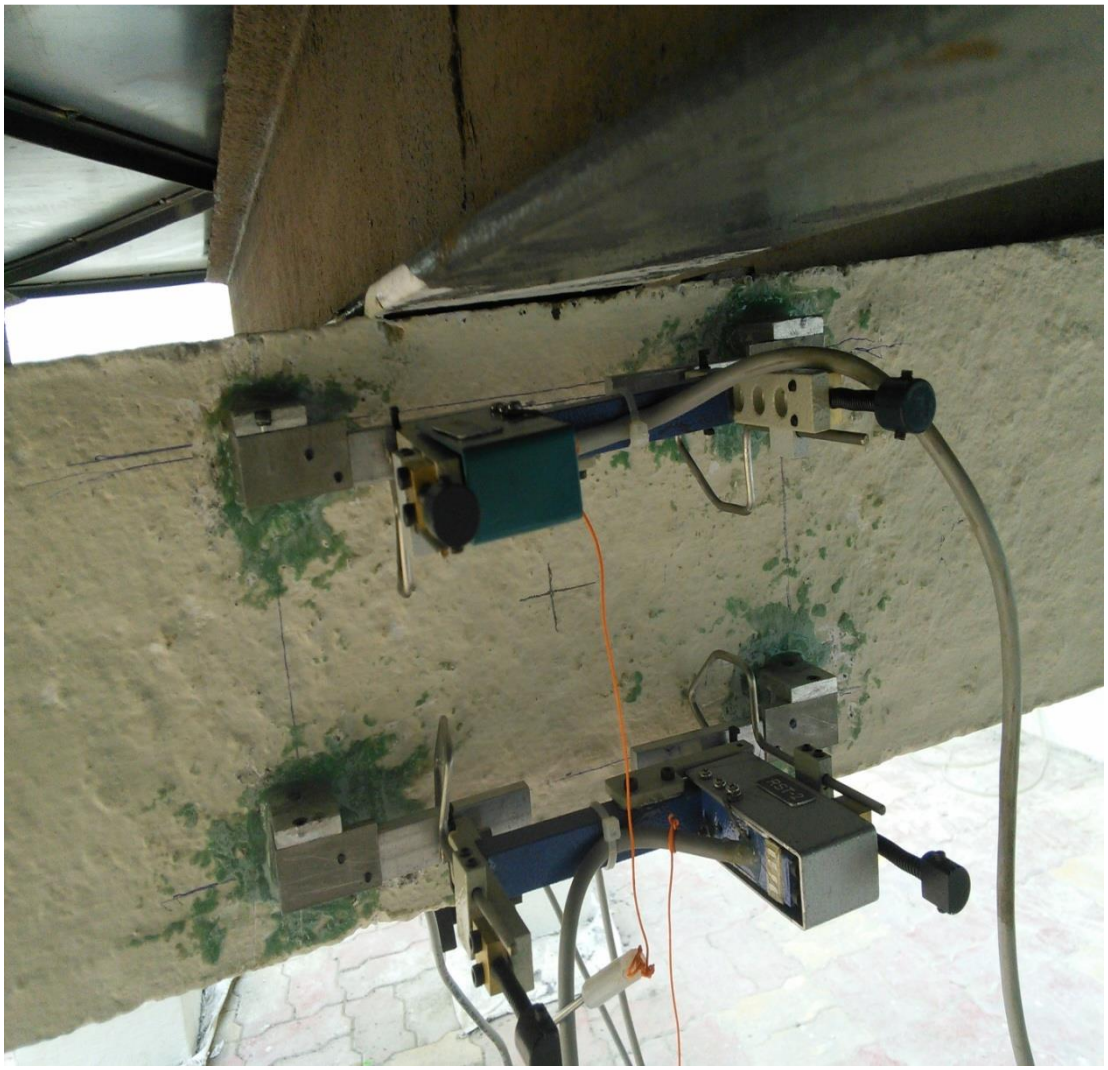

REUSABLE STRAIN TRANSDUCERS MOUNTED ON REINFORCED CONCRETE BEAM.

THE METAL ADAPTERS ARE CEMENTED AT THE REQUIRED GAUGE LENGTH AND RST OF LOWER GAUGE LENGTH CAN BE USED AND BY USING OUR DAC AND SOFTWARE THE STRAIN ACROSS THE FITTED G.L. CAN BE MEASURED.

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REUSABLE STRAIN TRANSDUCER FITTED TO A STEEL I-BEAM AND DEFLECTOMETER ATTACHED FOR DEFLECTION MEASUREMENT.

INITIALLY METAL ADOPTERS ARE CEMENTED ACROSS REQUIRED GAUGE LENGTH. RST OF ANY G.L. LOWER THAN MEASURING G.L. CAN BE USED AND ENTERING THE MEASURING G.L. IN OUR SOFTWARE STRAINCAN BE MEASURED ACROSS REQUIRED GL.