

## INTEGRATED STATIC PLATE LOAD TESTER



*Static plate load testing for performance based design of pavements and stone columns*



### INNOVATIVE INSTRUMENT USING INTERNATIONAL STANDARD: DIN 18134:2012-04:

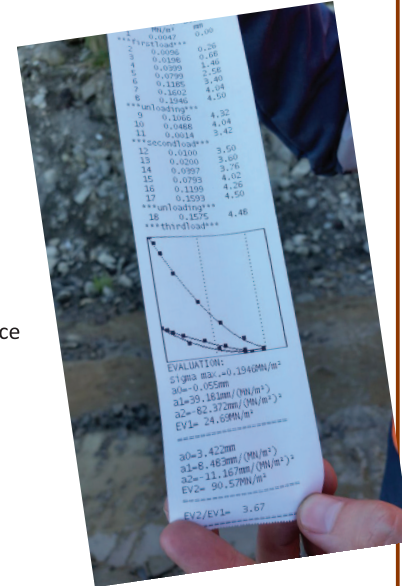
- Static deformation modulus  $E_{v1}$  and reload modulus  $E_{v2}$
- Spring stiffness estimation
- Direct compaction assessment based on  $E_{v2}/E_{v1}$  ratio

### ADVANTAGES:

- Portable, precise and reliable
- Cost effective
- Bearing pressure of up to 1400kPa
- 300, 600 & 762mm plate load sizes to test to 1.5m below surface
- Immediate print out of results including GPS

### APPLICATIONS:

- Stone column performance assessment
- Load-bearing capacity of base, subbase and subgrade
- Compaction control



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