

PRIMAX 1500 - ROADS

PRIMAX innovation with excellence



Structural behaviour of pavements

Every day your road pavements are subjected to the load of the traffic driving on them. When the roads were constructed, design was calculated with regard to the load the pavements should be capable of carrying. However, do the actual values match the design? If not, the pavement may fail prematurely and over time, you will see accelerated deterioration with expensive consequences. Monitoring the pavement layer conditions with FWD equipment ensures you early warnings of structural deterioration.

Utilising a Falling Weight Deflectometer, you can collect data to support the optimisation of pavement maintenance budgets. Analysing and calculating data collected with PRIMAX with the integrated PRIMAX design software allows you to assess the development of road pavement layer conditions throughout the road network:

- Dynamic E moduli
- Remaining service life
- Determination of critical layer
- Reinforcement (overlay) requirements

PRIMAX – reliable, efficient and collaborative

Reliability and quality assurance

- Knowhow of producing Falling Weight Deflectometers since 1965
- Accurate data output with high repeatability and reproducibility
- Supplied, tested and applicable under worldwide climate and weather conditions
- CE marked quality tested durable components
- Quality certified company - ISO 9001, 14001, OHSAS and AASHTO R-32
- 24 month product warranty on PRIMAX

Efficient product solutions for optimum safety and performance

- Automated equipment safety monitoring and warning system
- Cost and time reducing product solutions for surveys
- Scalable load options - upgradable on demand
- Project navigator for project management

Collaborative software solutions

- On-line support integrated for remote system monitoring & support
- Fully linked and aligned with RoSy for easy import/export of data
- Real time data calculation of E moduli during field surveys
- Quality supervision with PRIMAX observer

