

Cut and Chip Tester

Physical Testing



- ▶ The Cut and Chip Tester is designed to measure the relative service life of off-the-road, farm and heavy duty treads that are subjected to the rigors of traveling on rocky surfaces. Also measures the chipping and tearing of the tread when subjected to off-the-road surfaces by reduction in sample weight due to chips.



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Testing Features



- Variable rotation speed
- Tungsten carbide knife applied at a set frequency
- Test runs for selected time

Performance



- Measures the relative cut resistance of treads subjected to off-the-road surfaces by noting the length of cuts in a sample
- Measures amount of sample chipped away
- Suitable for research and development

Options



- None

Specifications



- Sample: Cylinder with a 5 cm (2 in) diameter and 1.27 cm (0.5 in) height. Center of cylinder contains a 1.27 cm (0.5 in) hole.
- Sample Rotation: 200 to 1000 RPM
- Cut and Chip Cycle: 15 to 120 RPM
- Test Time: 0.1 to 999 minutes
- Electrical: 110/220 VAC, 50/60 Hz, 20 Amps
- Dimensions Width: 55.9 cm(22 in), Height: 43.2 cm (17 in), Depth: 53.3 cm (21 in)
- Weight: 68 kg (150 lb)



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