

LAKSHMI BRAND MAGNETIC BASE TYPE RAIL THERMOMETER LT-2
Specification no: TM-67 dt: 28.01.2002



INTRODUCTION

As per the LWR manual, monitoring & measuring rail temperature is a matter of prime concern for any P.Way Inspector. For this purpose several black bulb, bimetallic & dial type thermometer are used which almost lose their accuracy at temperatures above 65°C. To overcome this problem Lakshmi Meerut in joint effort with RDSO Lucknow has developed a highly accurate magnetic base rail thermometer which record the reading of the rail temperature within 3 minutes, with an accuracy of + 1.0°C. The size of thermometer is so designed that it can be housed in the pocket of the gang man.

TECHNICAL DATA

Type: -	Mercury filled glass capillary
Range: -	-5°C to + 85°C
Least Count: -	1.0°C
Accuracy: -	± 1.0°C (Through whole span)
Reading Time: -	3 – 4 Minutes
Magnetic Strength: -	2500 Gauss
Weight: -	150 gm approx.
RDSO Specification No: -	TM-67
RDSO Drawing No: -	TM-0201

Drawing of Rail thermometer

