

AKASH INSTRUMENT

SURGE COMPARISON TESTER
ALL TYPES OF MODELS

User
manual

AKASH INSTRUMENT

ADVANCE ELECTRONICS TESTING INSTRUMENTS FOR ELECTRICAL WINDING

ADDRESS – E-121, AIR FORCE ROAD, DABUA COLONY, N.I.T. FARIDABAD, HARYANA-121001 (INDIA)

CONTACT - +91-9911275490, +91-9990943986

E-MAIL – akashinstrument9911@gmail.com

www.akashinstrument.com

GSTIN – 06BICPB1666C1ZW

SURGE COMPARISON TESTER

1. INTRODUCTION

2. FEATURES

3. TESTING METHOD

NOTE - THIS MANUAL CONTAINS ALL THE INSTRUMENT AND MODEL ALONG WITH THEIR DETAILS

IF YOU HAVE QUERY REGARDING ANYTHING PLEASE CONTACT US.

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THREE PHASE & SINGLE PHASE MODEL with DIGITAL KV METER

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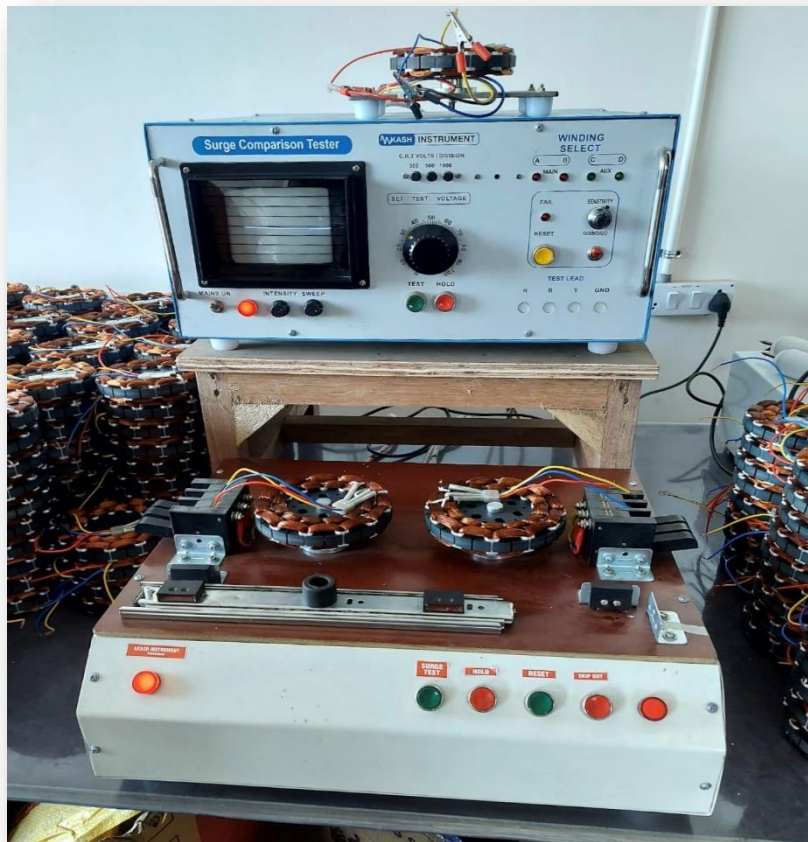
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SURGE COMPARISON TESTER

DOUBLE STATION

&

CEILING FAN MODEL

- **SPECIALLY USE FOR FAST PRODUCTION**

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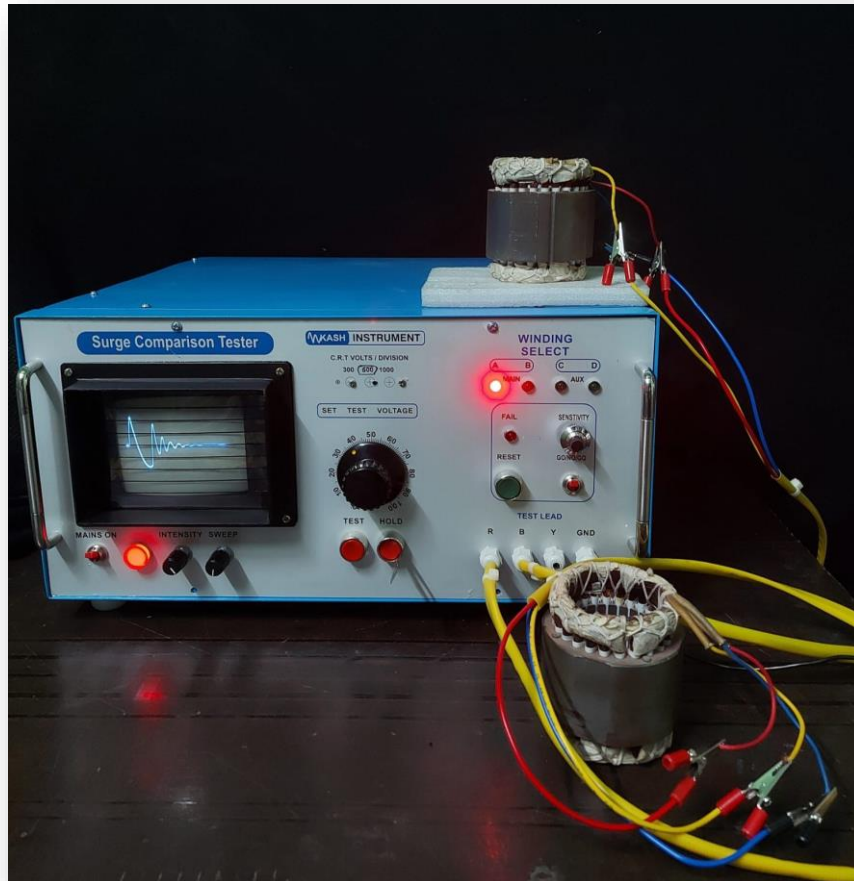
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SURGE COMPARISON TESTER

BUZZER FACILITY MODEL

FEATURE - IT WILL MAKE LOUD NOISE WHEN THERE IS ANY KIND OF FAULT IN THE MOTOR.

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SINGLE STATION MODEL

**FEATURE – IT WILL MAKE LOUD NOISE WHEN THERE IS ANY
KIND OF FAULT IN THE MOTOR.**

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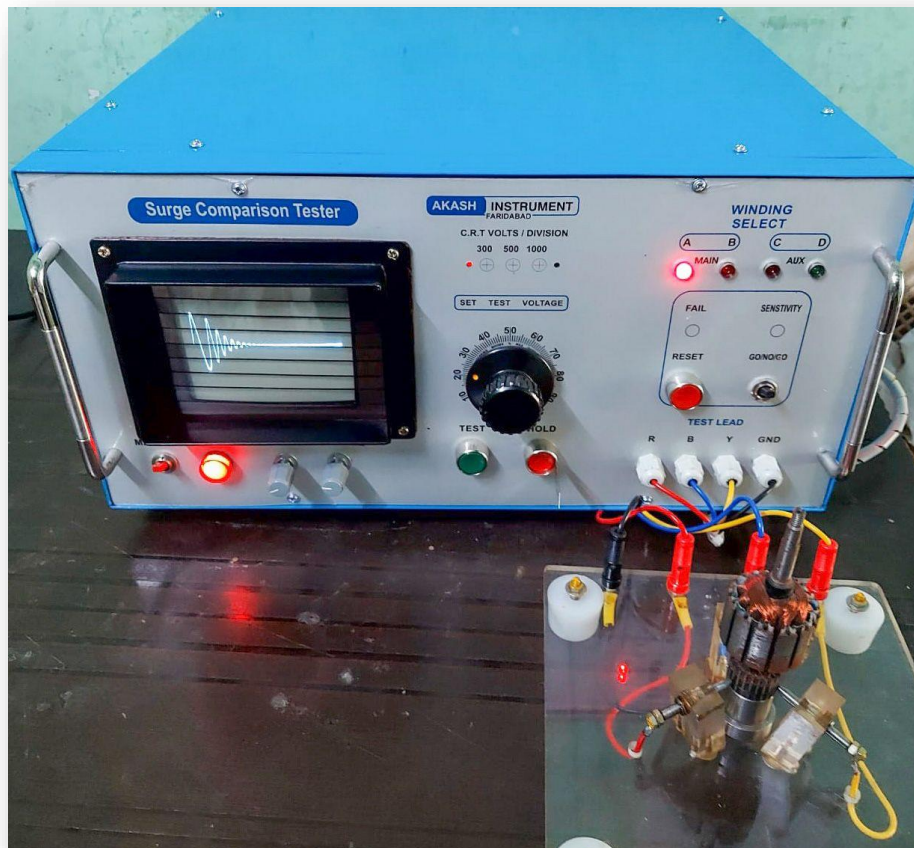
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SPECIALLY USE FOR MIXER & GRINDER

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THREE – PHASE & SINGLE - PHASE MODEL

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BASIC MODEL

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THE COMPLETE TESTER FOR ELECTRICAL WINDING AND MACHINES -

GENERAL CAPABILITIES CAN TEST
SINGLE PHASE AND THREE PHASE
SMALL OR LARGE WINDINGS
AC AND DC WINDING
STATORS AND FIELD COILS
ARMATURE

CAN DETECT DURING TESTING -

INTER-TURN SHORTS
COIL TO COIL SHORTS
PHASE TO PHASE SHORTS
GROUND, OPEN, WRONG CONNECTIONS
WRONG NUMBER OF TURNS
UNBALANCED WINDINGS
POOR INSULATION QUALITY/POTENTIAL FAULTS
OPEN CIRCUIT AND GROUND DETECTION ARE OTHER BENEFITS OF SURGE

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SURGE WAVE PATTERN OF COMMON FAULTS IN GRAPH

