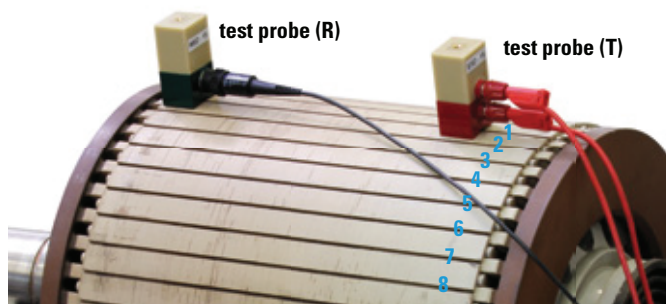


# MTC2 | Squirrel Cage



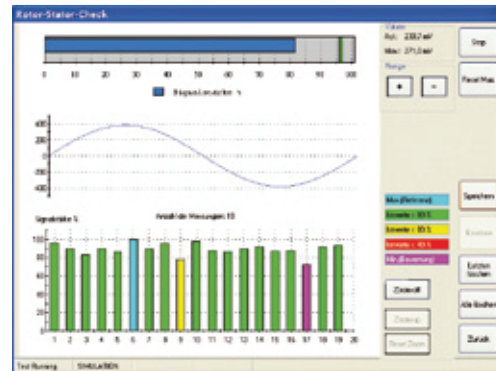
Ideal test procedure for checking and locating faults at squirrel-cage motors, armatures, stators, and capacitors. The test procedure operates in combination with the surge voltage tester MTC2. For this an extension unit is connected to the MTC2.



## Functioning

Two test probes are used for the test. They are to be connected at the test object's outside above the slots. The first probe (T) transmits a signal to the test object; the second probe (R) receives the signal. The receipt signal is measured in the MTC2 and the signal strength is displayed on the screen.

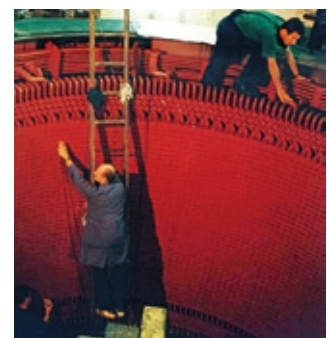
Please number the individual slots in advance. At the subsequent measuring please position the probes above the individual slots at the test object's opposite outer edges in a way that the maximum signal strength in the MTC2 is displayed. The MTC2-software supports you in an optimum way. After finding the optimum probe position you can store the signal in the MTC2 with the corresponding slot number. Please perform this measuring at each slot one after another. The MTC2 collects and stores the measuring values at each slot until all slots are measured.



Already during the measuring the MTC2 compares the available measuring values and detects any irregularities of the resistances within the slots. The slots' measuring values among each other should be almost the same. If the differences are too high there is a fault. Based on your numbering you can immediately locate the defect space and repair it if necessary.



Rotor testing



Stator testing