

1. INTRODUCTION

1.1 Use and Function

NF 200 Bench Top Centrifuge is especially designed for the separation of blood samples, urine particles sedimentation and for carrying out the other routine applications in the microbiology laboratories.

By means of the programmable microprocessor control system speed and time could be programmed and the 'pulse' function provides the operator to run the programs of short duration.

It ensures safe processes by means of the locking system which does not allow the centrifuge to operate if the lid is open and which does not allow the rotor to spin if the lid is not closed.

The lid locking system which does not allow the centrifuge to operate if the lid is open, which also does not allow the lid to be opened while the rotor is spinning and the possibility to open the lid by pushing only one key when the program ends, provide safe and easy working conditions. There are audible and visible alarms to inform the operator when the lid is open, when the program ends and when any error conditions occur. In case of a power failure, the lid could be opened manually by using a manual lid opening tool. There is also an observation hole at the top of the instrument to check the speed of the centrifuge by a tachometer.

NF 200 Bench Top Centrifuges are manufactured according to the following standards,

EN 61010-1, EN 50081-1, EN 61010-2-020

2. TECHNICAL SPECIFICATIONS

2.1 Technical Specifications Table

Technical Specifications	NF 200
Maximum speed	5000 rpm
Maximum RCF	2822xg
Tube capacity	12 x 15 ml
Control system	Programmable Microprocessor Control
Speed set range	1000-5000 rpm
Speed set step	10 rpm
Timer set range	1-99 minutes and hold position
Timer set step	1 minute
Motor	Induction Motor
Supply Values	230 V / 50 Hz
Power Consumption	150 W
External Dim.s (WxDXH) mm.	274x355x238
Net / Packed weight (kg)	11 / 12