

Clinispin CT20

User Manual



C0060-WOD-230EU

WOODLEY
EQUIPMENT COMPANY LTD.



Safety Precautions

NEVER
NEVER
NEVER
NEVER
NEVER
NEVER
NEVER
NEVER
ALWAYS

ALWAYS
ALWAYS

ALWAYS

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1. General Information

1.1 Description

1.2 Safety precautions

Note: All users of the centrifuge must read the Safety Precautions section of this manual before attempting to operate the unit!

If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

1.3 Technical data

1.4 Accessories supplied with centrifuge

1.5 Warranty

2. Installation

2.1 Unpacking the centrifuge

2.2 Required space

2.3 Installation













3. Installation of rotors and rotor maintenance

3.1 Rotors and accessories

Angle rotor for 6 x 15ml tubes

Adapter for 5ml(12x75mm) and 7ml (13x100mm) tubes

Tube and tube adapter reference chart.

		Standard Blood Collection Tubes			Sarstedt Blood Collection Tubes							
Dimensions (mm)	17 x 120	16 x 100	13 x 100	12 x 75	15 x 102	16 x 92	15 x 92	13 x 90	11 x 92	11 x 66	13 x 65	8 x 66
Capacity *	15ml	10ml	7ml	5ml	10ml	9-10ml	7-8ml	4.9ml	4-5ml	2-3ml	2-3ml	1-1.4ml
Tube Image												
Radius (cm)	8.2	8.5	7.7	7.7	8.5	8.5	8.5	7.7	7.7	7.7	7.7	7.7
Max. RCF	3,873	4,015	3,637	3,637	4,015	4,015	4,015	3,637	3,637	3,637	3,637	3,637
Tubes Per Rotor	6	6	6	6	6	6	6	6	6	6	6	6
Adapter	-	-	C0200-17A	C0200-17A	-	-	-	C0200-17A	C0200-17A	C0200-17A	C0200-17A	C0200-17A

* Capacity may vary based on serum volume.

3.2 Rotor maintenance

Thorough cleaning must be performed when spinning samples containing phenol or phenol chloroform.

3.3 Removing and Installing the angle rotor

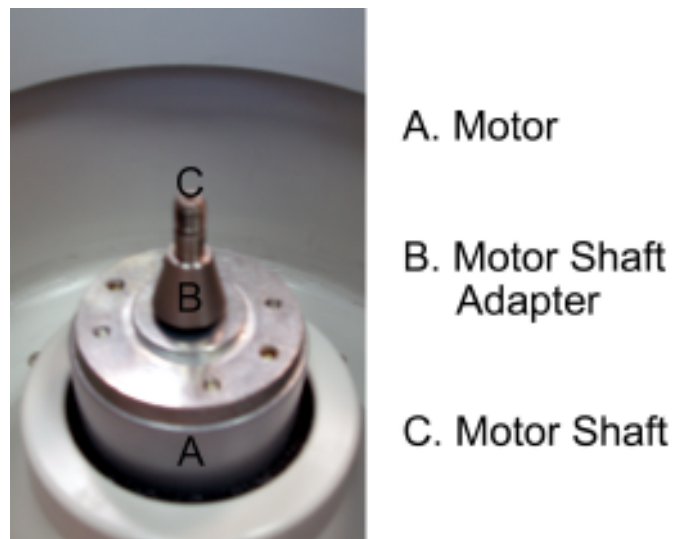


Figure 1. Chamber and motor shaft



Figure 2. Bottom of angle rotor

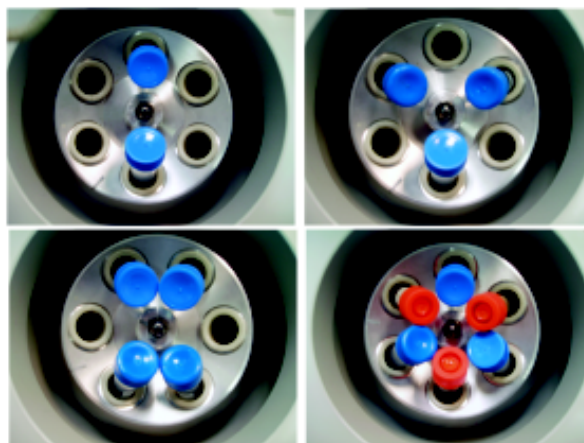


Figure 3. Loading the rotor

3.5 Overloading the rotor

Failure to reduce the speed may result in damage to the rotor and centrifuge.

$$\sqrt{\frac{1.2}{\text{higher density value}}}$$

$$\sqrt{\frac{1.2}{1.7}}$$

4. Operation

ATTENTION: Never attempt to operate the centrifuge with rotors or adapters that show signs of corrosion or mechanical damage. Never centrifuge strongly corrosive materials that may damage the rotors or accessories.

4.1 Closing the lid

4.2 Lid release

WARNING: Do not attempt to open the lid of any centrifuge until the rotor has come to a complete stop.

4.3 Lid lock

4.4 Speed selection

4.5 Selection of operating time and momentary operation

4.6 Starting the centrifuge

5. Service and Maintenance

5.1 Centrifuge service

5.2 Cleaning the centrifuge

5.3 Cleaning the rotor

5.4 Disinfection

5.5 Replacing fuses

6. Troubleshooting Guide

Centrifuge will not start

Lid lock will not release

Centrifuge cannot be started, although power is on

Centrifuge displays error “03”

7. Where to call

Woodley Equipment Company (UK)

Tel +44 (0) 8456 777 001

Fax +44 (0) 8456 777 002

www.woodleyequipment.com

Woodley Equipment Company (USA)

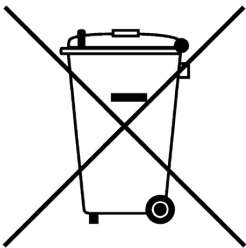
Tel 1-800-471-9200

Fax 1-508-625-1721

www.woodleyequipment.com

8. Determination of g-values

EQUIPMENT DISPOSAL



Declaration of Conformity

Number: CE 00031

Manufacturer: Labnet International, Inc., 31 Mayfield Ave.,
Edison, NJ 08837 USA

Labnet International declares that the devices described below
are in conformity with the EC directives listed. In the event of
unauthorized modification of any of the devices listed below,
this declaration becomes invalid.

Device Name: Spectrafuge™ 6C Centrifuge

Device Models Numbers:

C0060

C0060-230V

Relevant EC Directives:

Low Voltage Directive 2006/95/EC

EMC Directive 2004/108/EC

RoHS 2011-65-EU

WEEE 2002/96/EC

Harmonized Standards:

EN/IEC 61010-1:2001 Ed:2

IEC 61010-2-020: 2006 for use with

IEC 61010-1:2001

IEC 61326-1 Issued: 2005/12/01 Ed: 1.0

IEC 61000-3-2:2000

IEC 61000-3-3:2002

IEC 61000-4-2:2001

IEC 61000-4-3:2002

IEC 61000-4-4:2004

IEC 61000-4-5:2001

IEC 61000-4-6:2003

IEC 61000-4-11:2004

Date: March 27, 2012

Peter Will

Peter Will
Product Line Manager

Labnet
Labnet International, Inc.

Limited Warranty

Labnet International, Inc.

Mail Warranty Registration to :

or

Register online at

Labnet International, Inc.
31 Mayfield Ave.
Edison, NJ 08837

www.labnetinternational.com



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