

## Hettich ROTOFIX 32A

# Centrifuge Preventative Maintenance Schedule

Taken from the operator manuals supplied with each centrifuge

Centrifuge Bowl Seal			
<b>Cleaning</b> Weekly	<b>Rubber Maintenance</b> Weekly	Maintains long life of seal. <b>Always inspect seal for damage.</b>	
Rotor			
<b>Cleaning</b> Weekly	<b>Lube</b> Monthly	<b>Secured</b> Weekly	Maintains good lab practices for cleanliness. Helps maintain good results. Check rotor fixing screw for safety. <b>Always inspect rotor for damage.</b>
Buckets			
<b>Cleaning</b> Weekly	<b>Lube</b> Monthly	Maintains good lab practices for cleanliness. Helps maintain good results. <b>Always inspect buckets for damage.</b>	
Motor Shaft			
<b>Cleaning</b> Weekly	<b>Lube</b> Monthly	Helps to ensure that the rotor can be removed for maintenance when needed. Does not affect performance. <b>Always inspect shaft for damage.</b>	
Surfaces and Chamber			
<b>Cleaning</b> Weekly	Maintains good lab practices for cleanliness. <b>Always inspect for damage.</b>		
Validations			
<i>Speed and timer</i> 1 or 2 per year	Ensures proper operation of the centrifuge.		

## Most Common Error Codes and Clearing Procedures

### ERROR CODE - 1 (tachometer error)

#### Clearing Procedure:

- Wait for rotor stand still (120 seconds after rotor stops)
- Turn the power off and wait 10 seconds
- Turn the power on
- Check to make sure rotor is installed properly before spinning

### ERROR CODE - 2 (mains interrupt)

#### Clearing Procedure:

- Wait for rotor stand still
- Open the lid
- Press the start button
- Close lid and start again

### ERROR CODE - 3 (balance error)

#### Clearing Procedure:

- Wait for rotor stand still
- Check to make sure the centrifuge is sitting on a level and sturdy surface
- Make sure the rotor is installed properly and the bucket weight is distributed evenly before spinning

### ERROR CODE - d (lid lock error)

#### Clearing Procedure:

- Turn the power off and wait 10 seconds
- Turn the power on
- Open and close lid

### ERROR CODE - F (tachometer error)

#### Clearing Procedure:

- Wait for rotor stand still
- Turn the power off and wait 10 seconds
- Turn the power on
- Check to make sure rotor is installed properly before spinning

