



# System Starting



Cytori CT-X2

Status: Starting

# Waiting to Start

Press the play button to begin processing

Press to Start

Status: Ready for processing





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

[instructive image]

### Testing Lid Sensors

Please open the centrifuge and pump lids. Turn the cartridge peanut counter-clockwise to the "Open" position and open the LR drawer. Press Next to continue.

Next >

Status: Processing    Step: Load Consumable Set  
In Progress: Checking System Sensors  
Consumable Type: GP





01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



## Load Consumable

Load the consumable into the top of the instrument. Ensure that all lids are closed and the cartridge locking mechanism is twisted to the locked position. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP







01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



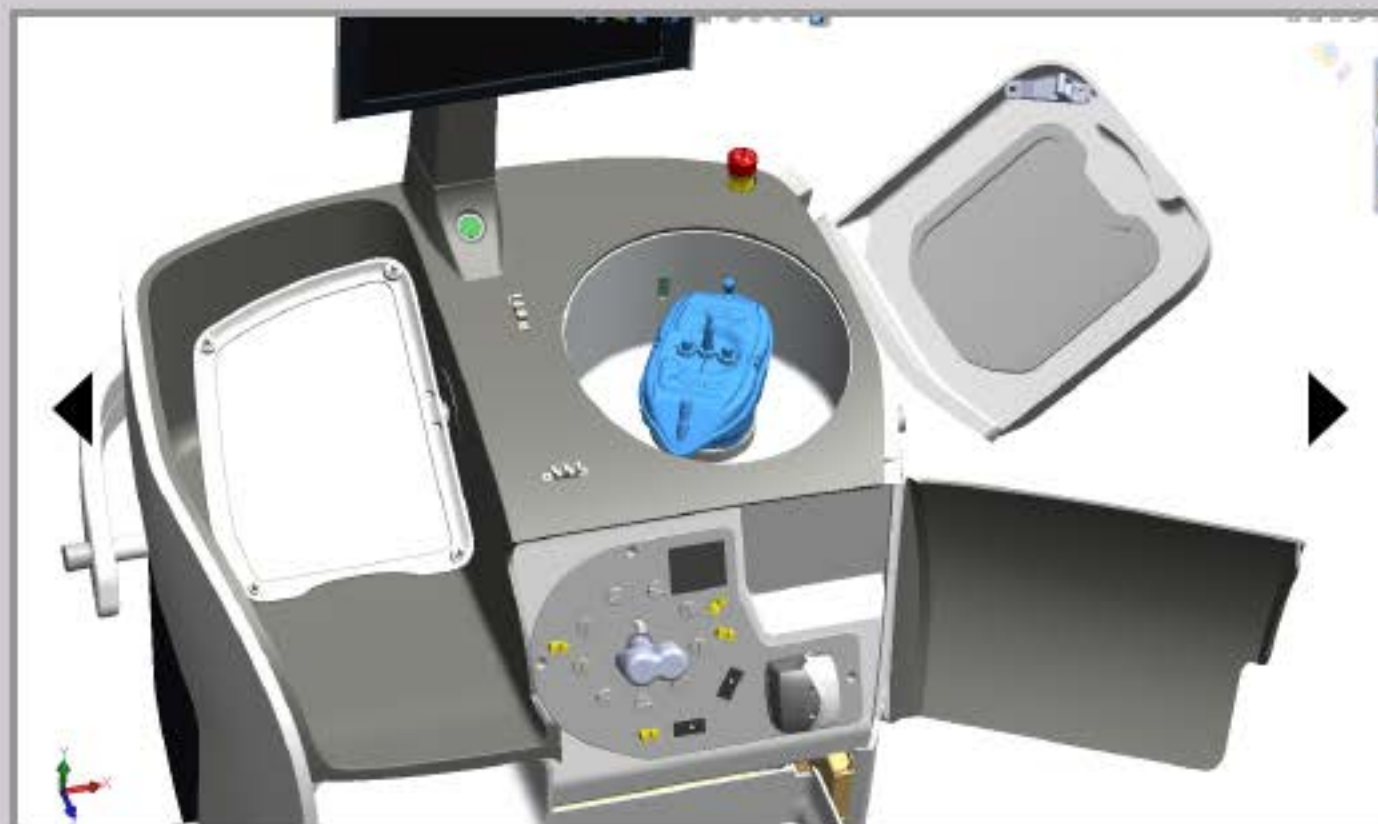
05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



## Load Consumable

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Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP





01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



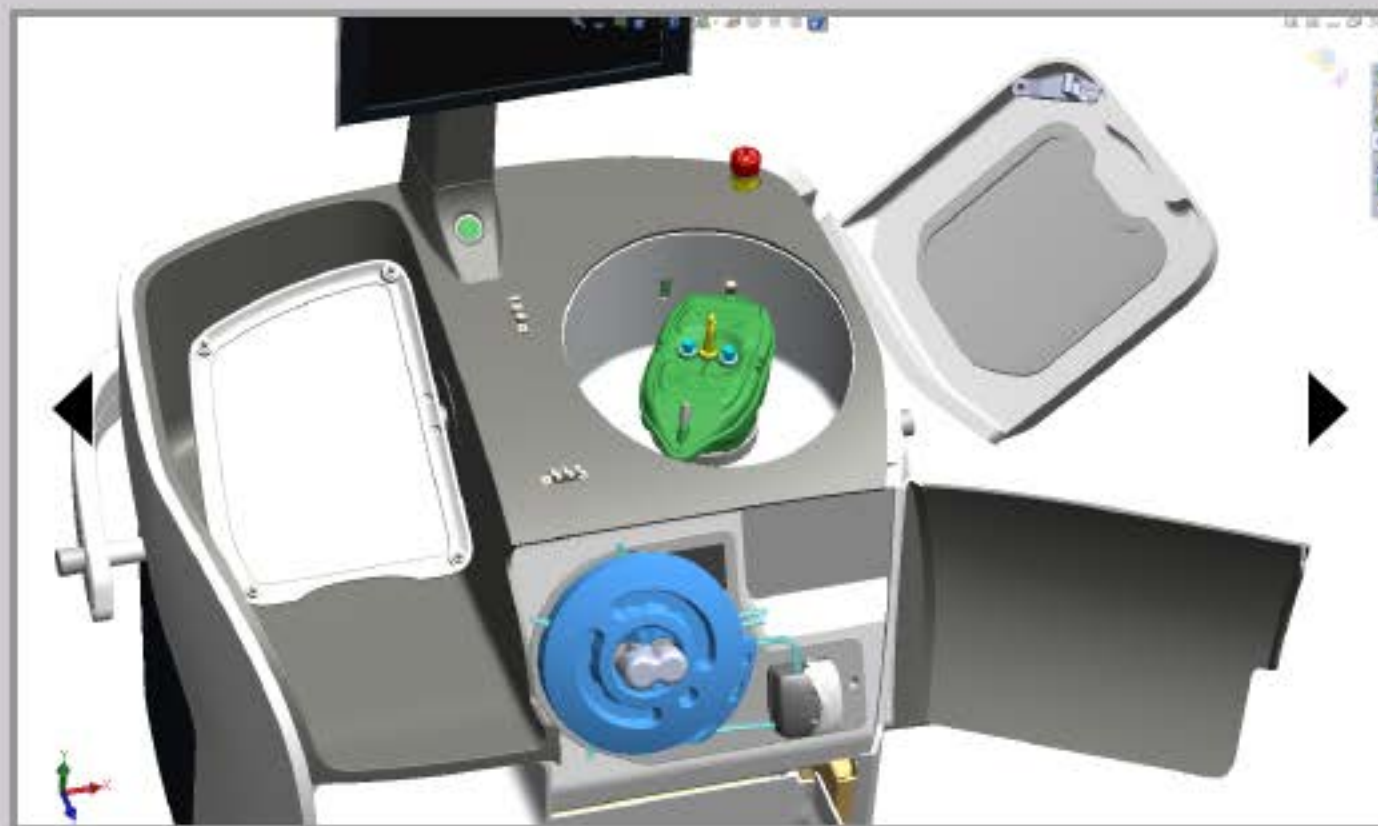
05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



## Load Consumable

Load the consumable into the top of the instrument. Ensure that all lids are closed and the cartridge locking mechanism is twisted to the locked position. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP





01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



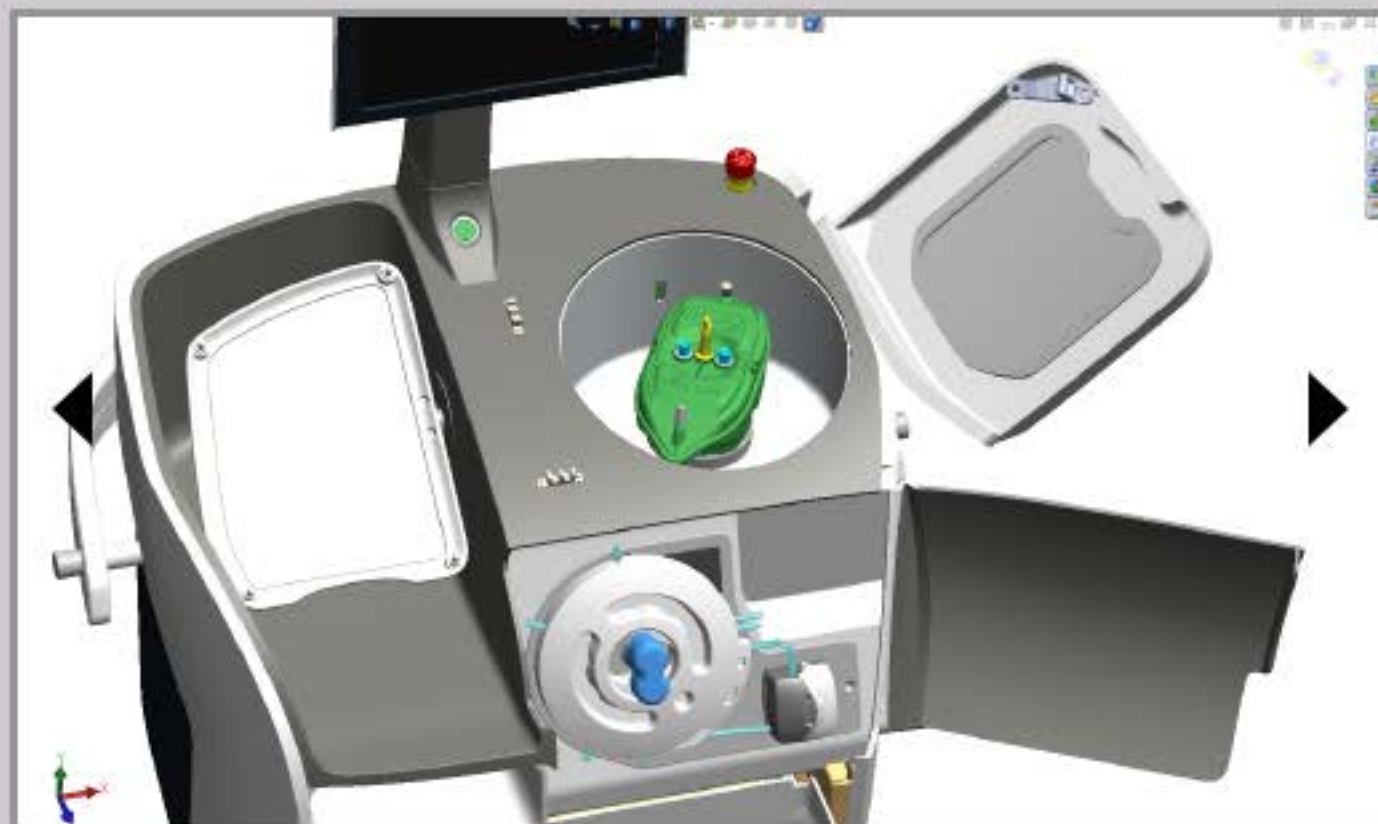
05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



## Load Consumable

Load the consumable into the top of the instrument. Ensure that all lids are closed and the cartridge locking mechanism is twisted to the locked position. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP







01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



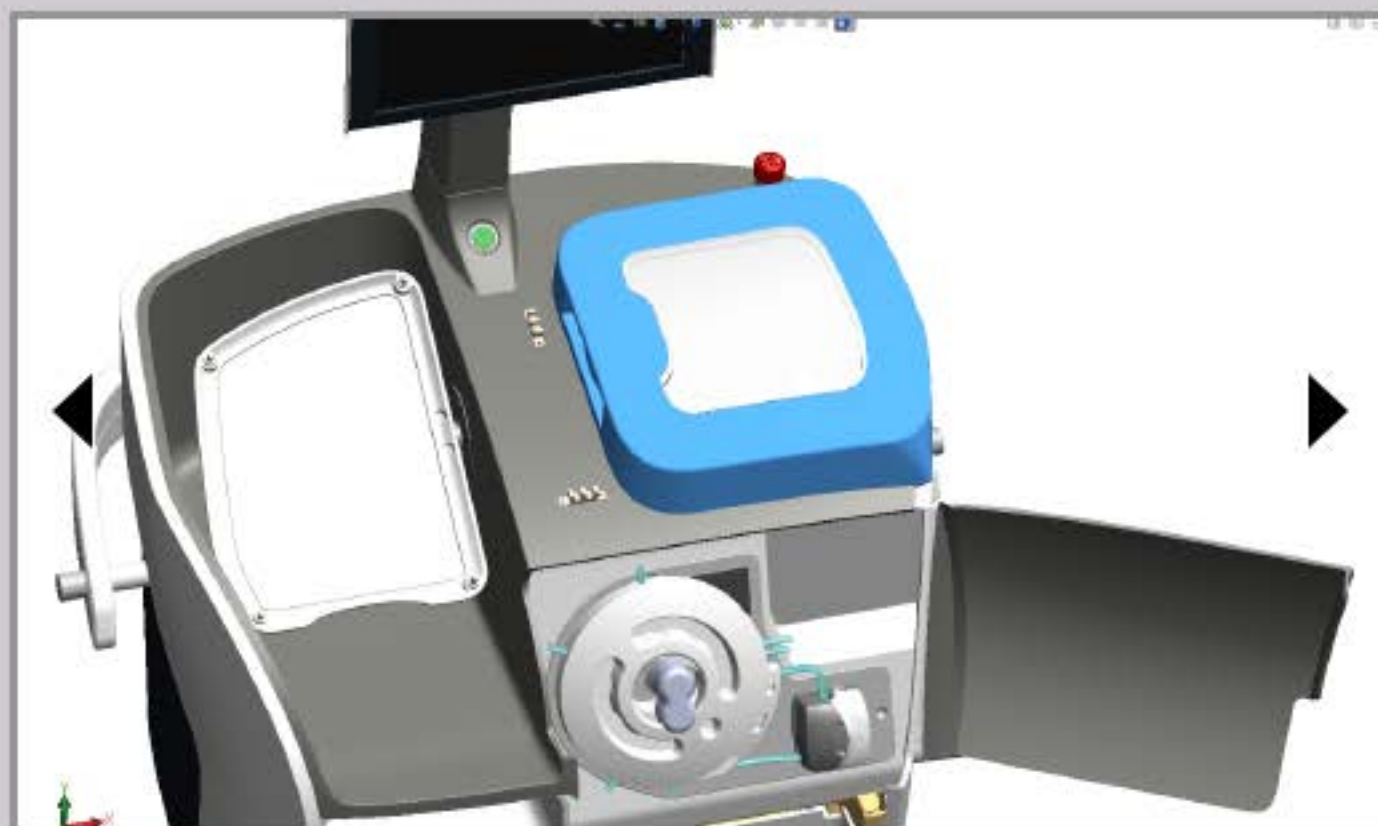
05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



## Load Consumable

Load the consumable into the top of the instrument. Ensure that all lids are closed and the cartridge locking mechanism is twisted to the locked position. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP





01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



## Load Consumable

Load the consumable into the top of the instrument. Ensure that all lids are closed and the cartridge locking mechanism is twisted to the locked position. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP





01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



## Load Consumable

Load the consumable into the top of the instrument. Ensure that all lids are closed and the cartridge locking mechanism is twisted to the locked position. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP







01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



### Load Processing Bag

Place the processing bag on the agitator and connect tubing to the consumable set. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP







01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal



### Load Processing Bag

Place the processing bag on the agitator and  
connect tubing to the consumable set. Press  
Next to continue.

Next >

Status: Processing    Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP





01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



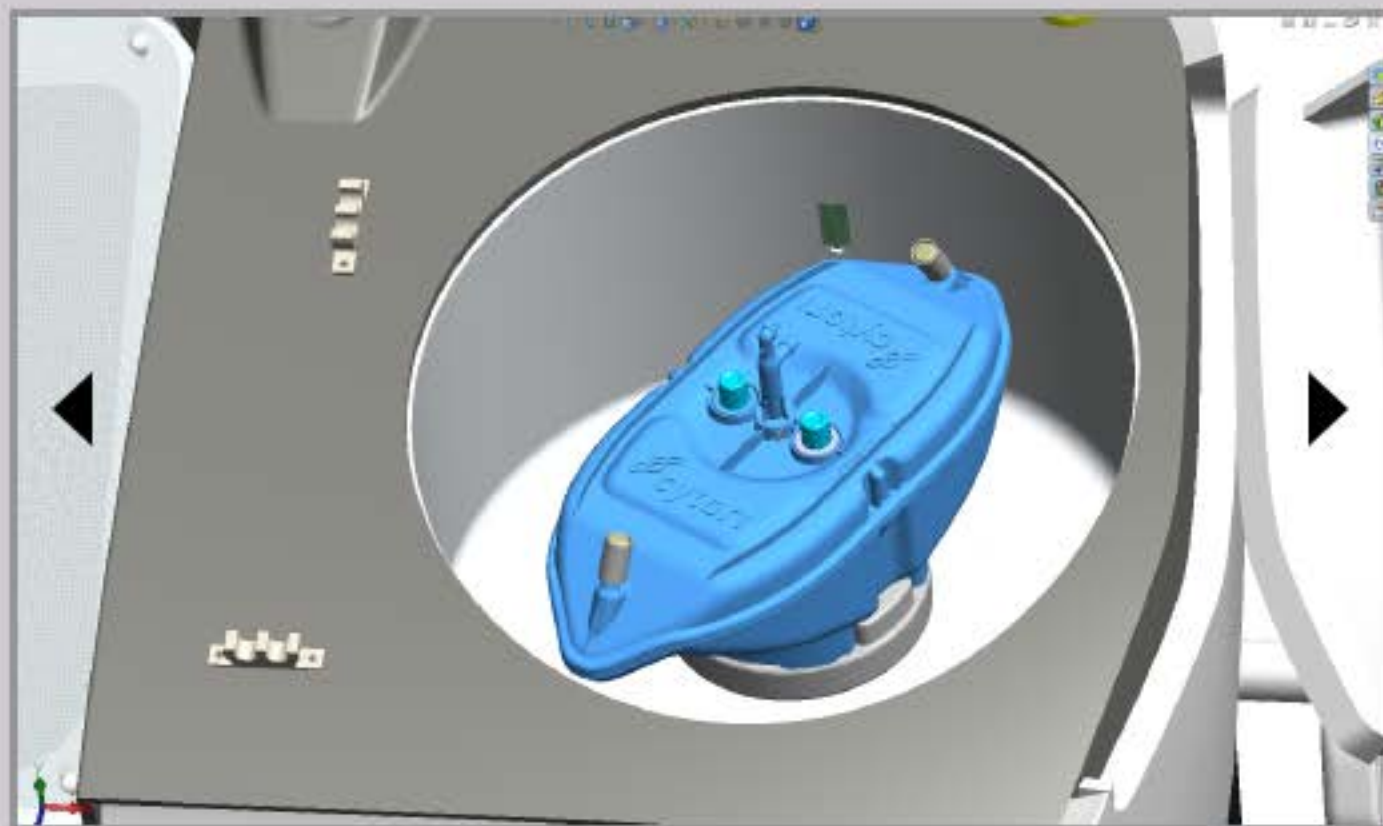
05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal



### Load Processing Bag

Place the processing bag on the agitator and connect tubing to the consumable set. Press Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



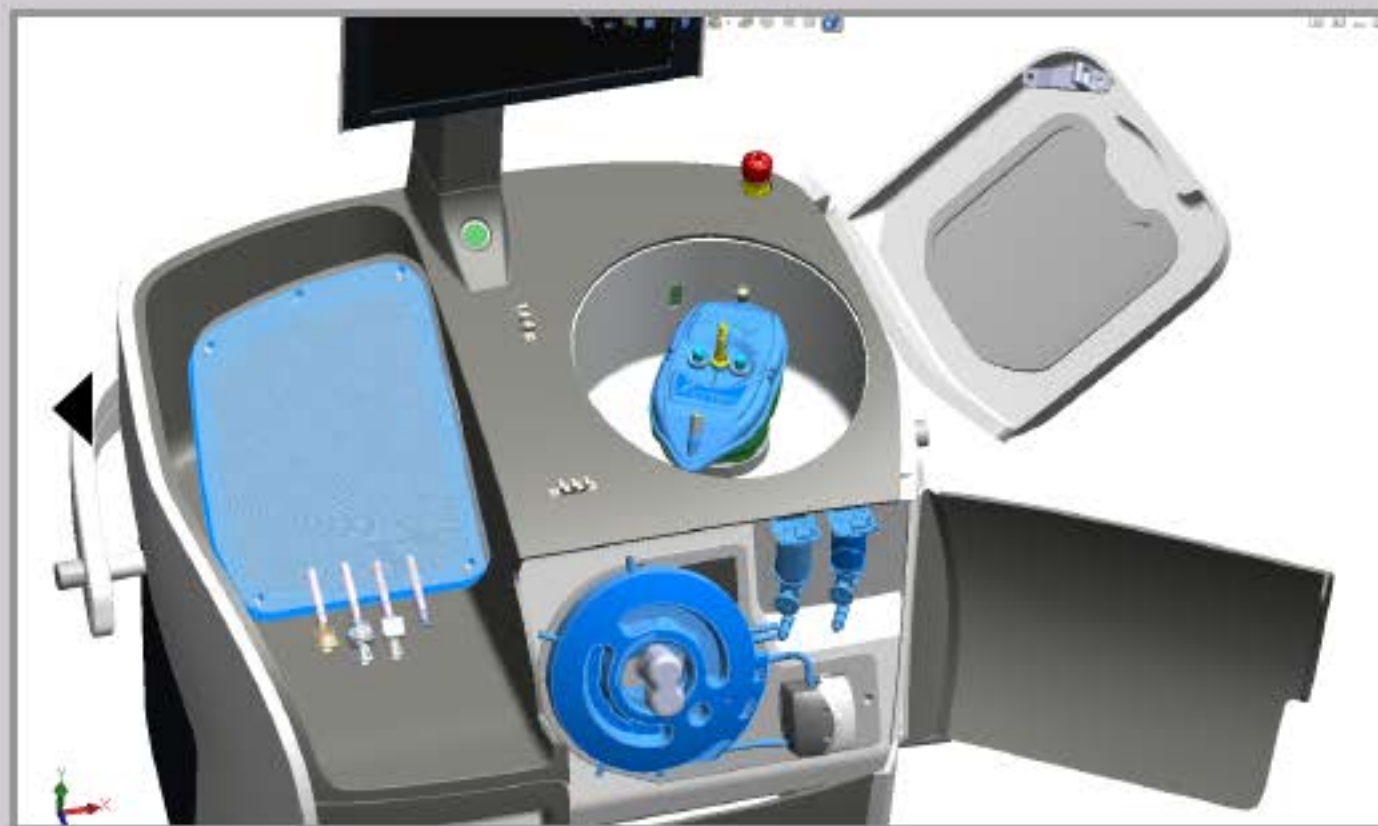
05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal



### Load Processing Bag

Place the processing bag on the agitator and  
connect tubing to the consumable set. Press  
Next to continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for consumable loading.

Consumable Type: GP







01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

[instructive image]

GP Set Detected

Press Next to confirm.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Consumable detected.

Consumable Type: GP







01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

[instructive image]

### Load LR into the LR Drawer

Place 3 LR bags into the LR Drawer. Ensure that each bag is fully spiked. Press Next to continue.

Next >

Status: Processing    Step: Load Consumable Set  
In Progress: Waiting for Lactated Ringer's loading.  
Consumable Type: GP





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

Time Remaining:

0:14

27% Complete

Status: Processing Step: Load Consumable Set

In Progress: Performing System Check.

Consumable Type: GP



" (leak test complete) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

[instructive image]

### Leak Test Complete

Please check consumable and tubing for leaks.  
Press Next to continue.

< Back

Next >

Status: Processing Step: Load Consumable Set

In Progress: Leak Test Complete.

Consumable Type: GP





01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal

[instructive image]

### Load Celase

Reconstitute the Celase in 5 mL LR. Spike the vial and connect to the consumable. Load the vial and press Next.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Waiting for Celase.

Consumable Type: GP







01/ Load Consumable



02/ Add Lipoaspirate



03/ Tissue Wash



04/ Tissue Digestion



05/ Pellet Concentration



06/ Pellet Wash



07/ Pellet Removal

[instructive image]

### Load Adipose Tissue

Load lipoaspirate into the tissue digestion bag.  
The device operating range is 50-500 ml. of  
tissue. Press Next to continue.

Next >

Status: Processing Step: Add Lipoaspirate

In Progress: Waiting for lipoaspirate.

Consumable Type: GP





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

[instructive image]

Status: Processing    Step: Add Lipoaspirate  
In Progress: Waiting for lipoaspirate separation.  
Consumable Type: GP



" (draining excess fluid from lipoaspirate) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

Tissue Drain Time Remaining:

4:15

20% Complete

Performing Initial Tissue Drain

Please wait

Status: Processing Step: Add Lipoaspirate

In Progress: Draining excess fluid from lipoaspirate.

Consumable Type: GP



" (weighting lipoaspirate) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

Tissue Drain Time Remaining:

0:05

99% Complete

### Weighting Tissue

Do not touch processing bag or tubing. Please  
wait.

Status: Processing Step: Add Lipoaspirate

In Progress: Weighting lipoaspirate.

Consumable Type: GP



" (confirm tissue volume) "





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

[instructive image]

### Confirm Tissue Volume

50 mL of tissue detected. Press Next to confirm.

Press Back to add more tissue.

< Back

Next >

Status: Processing    Step: Add Lipoaspirate  
In Progress: Waiting for tissue volume confirmation.  
Consumable Type: GP





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

23:55

1% Complete

Status: Processing Step: Tissue Wash

In Progress: Adding Lactated Ringer's to the processing bag.

Consumable Type: GP



" (washing tissue) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

22:47

3% Complete

Status: Processing Step: Tissue Wash

In Progress: Washing tissue.

Consumable Type: GP



" (waiting for separation) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

22:17

6% Complete

Status: Processing Step: Tissue Wash

In Progress: Waiting for separation.

Consumable Type: GP



“ (removing excess fluid from processing bag) ”





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

20:23

11% Complete

Status: Processing Step: Tissue Wash

In Progress: Removing excess fluid from processing bag.

Consumable Type: GP



" (adding Lactated Ringer's to the processing bag) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

20:05

12% Complete

Status: Processing Step: Tissue Wash

In Progress: Adding Lactated Ringer's to the processing bag.

Consumable Type: GP



" (removing ADRCs from the processing bag) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

16:02

35% Complete

Status: Processing    Step: Tissue Digestion  
In Progress: Removing ADRCs from the processing bag.  
Consumable Type: GP



" (concentrating cell pellet) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

14:12

39% Complete

Status: Processing Step: Pellet Concentration

In Progress: Concentrating cell pellet.

Consumable Type: GP



" (completing cell extraction) "





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

6:01

70% Complete

Status: Processing Step: Pellet Wash

In Progress: Resuspending cell pellet.

Consumable Type: GP



" (adding Lactated Ringer's to chamber.) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

Time Remaining:

0:00

100% Complete

Status: Processing Step: Pellet Wash

In Progress: Pellet wash complete.

Consumable Type: GP



" (waiting for cell pellet removal) "



01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

[instructive image]

### Waiting to Unlock Centrifuge

Cell processing complete. Press Next to unlock  
the centrifuge lid.

Next >

Status: Processing Step: Pellet Removal

In Progress: Waiting for cell pellet removal.

Consumable Type: GP





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

[instructive image]

### Remove the ADRC Pellet

Cell processing is complete. Open the centrifuge lid and remove the ADRC output from the processing chamber. Press Next to continue.

Next >

Status: Processing Step: Pellet Removal

In Progress: Waiting for cell pellet removal.

Consumable Type: GP







01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

00:00:00

00:24:00

[instructive image]

### Remove Consumable Set

Please remove the consumable set from the  
device. Press Next when ready.

Next >

Status: Processing Step: Pellet Removal

In Progress: Pellet removal complete.

Consumable Type: GP



# Tissue Processing is Complete

Press the play button to begin a new process

Press to Start

Status: Ready for processing





01/ Load  
Consumable



02/ Add  
Lipoaspirate



03/ Tissue  
Wash



04/ Tissue  
Digestion



05/ Pellet  
Concentration



06/ Pellet  
Wash



07/ Pellet  
Removal

## Settings

About

CTX2

Audio

Software Version:X1.01.01

Language

Software Built Date: July 7, 2013

Date / Time

Serial Number: 1234567

Brightness

Tech Mode

Ok

## Lid Sensors

Turn the centrifuge and pump lids. Turn  
counter-clockwise to the  
open the LR drawer. Press  
continue.

Next >

Status: Processing Step: Load Consumable Set

In Progress: Checking System Sensors

Consumable Type: GP

