

Liquid Level Calibration Chart:

Level Reading		Volume Remaining Liters	Volume Remaining Liters	Volume Remaining Liters	Volume Remaining Liters	Volume Remaining Liters	Volume Remaining Liters	Volume Remaining Liters	Volume Remaining Liters
Inches	Centimeters	ET23 - JLM	SC 20/20	XC 43/28	XC 47/11	XC 33/22	XC 34/18	SC 33/32	SC 33/26
15.5	39.4				47.4				
15	38.1	24.1			47.2				
14.5	36.8	23.0			46.4				
14	35.6	22.4		42.2	45.4	34.9	34.9	34.9	34.9
13.5	34.3	21.5		42.0	43.9	34.6	34.6	34.6	34.6
13	33.0	20.7	20.7	41.3	42.2	34.0	34.0	34.0	34.0
12	30.5	19.0	19.0	38.6	38.6	31.5	31.5	31.5	31.5
11	27.9	17.3	17.3	35.1	35.1	28.6	28.6	28.6	28.6
10	25.4	15.6	15.6	31.6	31.6	25.8	25.8	25.8	25.8
9	22.9	13.9	13.9	28.1	28.1	23.0	23.0	23.0	23.0
8	20.3	12.2	12.2	24.6	24.6	20.2	20.2	20.2	20.2
7	17.8	10.5	10.5	21.1	21.1	17.4	17.4	17.4	17.4
6	15.2	8.8	8.8	17.6	17.6	14.6	14.6	14.6	14.6
5	12.7	7.1	7.1	14.1	14.1	11.8	11.8	11.8	11.8
4	10.2	5.4	5.4	10.6	10.6	9.0	9.0	9.0	9.0
3	7.6	3.7	3.7	7.1	7.1	5.2	5.2	5.2	5.2
2	5.1	2.0	2.0	3.6	3.6	3.4	3.4	3.4	3.4
1	2.5	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9

Operating Instructions

Safety Precautions:

1. Avoid splashing and direct contact with liquid nitrogen.
2. Use gloves when handling semen racks or canisters.
3. Use the liquid nitrogen refrigerator in a well ventilated area.

Filling, Inserting and Removing Product:

1. Pour liquid slowly into container to avoid splashing.
2. Lift canister out of refrigerator far enough to allow access to product.
3. Avoid completely removing the canister to reduce liquid nitrogen consumption.
4. Lower canister slowly back into the refrigerator.
5. Keep neckplug installed and the hinged cap closed except when removing product.

Determining Quantity of Liquid:

1. Use dipstick to measure depth of liquid remaining.
2. Place dipstick in unit for five to ten seconds and note the length of the frosted section.
3. Using the chart above, determine the remaining liters of liquid nitrogen in the unit.

