Balance Monitoring and Maintenance

Manufacturer METTLER Model PC2000
Serial Number MCP2000BC Capacity 1000g

Balance Identification PC 2000

Date 12/2/24 Analyst DN/DS
Room °C 20.4 Humidity % 49

Notes: 11:15
WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low			Mid-Level			High		
Weight Used	Balance Readout		Weight Used	Balance Readout		Weight Used	Balance Readout	
1. 1.0g	1. 1.00g		1. 5.0g	1. 5.00g		1. 30.0g	1. 30.00g	
2. 1.0g	2. 1.01g		2. 5.0g	2. 5.00g		2. 30.0g	2. 30.00g	
3. 1.0g	3. 1.00g		3. 5.0g	3. 5.00g		3. 30.0g	3. 30.01g	
Actual: $\bar{x}$ = ____	σ = ____	% ____	Actual: $\bar{x}$ = ____	σ = ____	% ____	Actual: $\bar{x}$ = ____	σ = ____	% ____

Date 01/2/25 Analyst PN
Room °C 20.0 Humidity % 53

Notes: 11:59 am
WEIGHT SET #9072

☐ Pass
☐ Re-Check
☐ Fail

Low			Mid-Level			High		
Weight Used	Balance Readout		Weight Used	Balance Readout		Weight Used	Balance Readout	
1. 1.0g	1. 1.00g		1. 5.0g	1. 5.00g		1. 30.0g	1. 30.00g	
2. 1.0g	2. 1.00g		2. 5.0g	2. 5.00g		2. 30.0g	2. 30.01g	
3. 1.0g	3. 1.00g		3. 5.0g	3. 4.99g		3. 30.0g	3. 30.00g	
Actual: $\bar{x}$ = ____	σ = ____	% ____	Actual: $\bar{x}$ = ____	σ = ____	% ____	Actual: $\bar{x}$ = ____	σ = ____	% ____

Monthly check not performed due to power outage, causing a balance reboot.
A Backup generator was installed, and the balance was back in service 1/13/2025.
Refer to 1/13/2025 Surrogate Check for documentation. - DN 3/20/2025

Balance Monitoring and Maintenance

Manufacturer OHAUS Model AP210S
Serial Number 1143302160 Capacity 210g

Balance Identification AP210S

Date 01/02/25 Analyst DN

Room °C _____ Humidity % _____

Notes: NOT IN SERVICE

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.
3.	3.	3.	3.	3.	3.

Actual: $\bar{x}$ = _____ σ = _____ % _____ Actual: $\bar{x}$ = _____ σ = _____ % _____ Actual: $\bar{x}$ = _____ σ = _____ % _____

N/A

Date _____ Analyst _____

Room °C _____ Humidity % _____

Notes:

☐ Pass
☐ Re-Check
☐ Fail

Low		Mid-Level		High	
Weight Used	Balance Readout	Weight Used	Balance Readout	Weight Used	Balance Readout
1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.
3.	3.	3.	3.	3.	3.

Actual: $\bar{x}$ = _____ σ = _____ % _____ Actual: $\bar{x}$ = _____ σ = _____ % _____ Actual: $\bar{x}$ = _____ σ = _____ % _____

2025 DN 3/20/2025

SURROGATE WEIGHT MEASUREMENTS FOR MU CALCULATIONS ~~2024~~

DATE: 1/6/2025 ANALYST: DN

BALANCE

	WEIGHT								
	SD Lab Time 1 : 09:52 (am) / pm Temp/Humidity: 19.2 °C / 31 %			ER Area Time 2 : 10:25 (am) / pm Temp/Humidity: 21.3 °C / 28 %			T/V Area Time 3 : 10:20 (am) / pm Temp/Humidity: 20.2 °C / 32		
AP210S	NOT DONE g	FOR THIS g	WEEK. / g	NOT IN SERVICE g	g	g	g	g	g
AX224N	1.0010 g	1.0010 g	1.0010 g	5.0053 g	5.0053 g	5.0053 g	99.9598 g	99.9599 g	99.9597 g
MPC2000	1.00 g	1.00 g	1.01 g	5.01 g	5.01 g	5.00 g	99.97 g	99.98 g	99.97 g
SD1	1.01 g	1.00 g	1.00 g	5.00 g	5.01 g	5.00 g	99.96 g	99.96 g	99.95 g
SD2	0.99 g	1.00 g	1.00 g	5.01 g	5.01 g	5.01 g	99.98 g	99.96 g	99.98 g
SD3	1.01 g	1.00 g	1.00 g	5.01 g	5.01 g	5.02 g	99.96 g	99.96 g	99.96 g
SD4	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.00 g	99.96 g	99.95 g	99.95 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	99.9 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg

DATE: 1/13/2025 ANALYST: DN

BALANCE

	WEIGHT								
	SD Lab Time 1 : 09:24 (am) / pm Temp/Humidity: 18.7 °C / 46 %			ER Area Time 2 : 09:52 (am) / pm Temp/Humidity: 21.3 °C / 37 %			T/V Area Time 3 : 09:42 (am) / pm Temp/Humidity: 20.8 °C / 40		
AP210S	1.0010 g	1.0010 g	1.0009 g	5.0052 g	5.0052 g	5.0053 g	99.9590 g	99.9591 g	99.9590 g
AX224N	1.0010 g	1.0010 g	1.0010 g	5.0054 g	5.0054 g	5.0050 g	99.9593 g	99.9592 g	99.9594 g
MPC2000	1.00 g	1.00 g	1.00 g	5.01 g	5.01 g	5.00 g	99.98 g	99.98 g	99.97 g
SD1	1.00 g	1.00 g	1.01 g	5.00 g	5.01 g	5.00 g	99.96 g	99.96 g	99.96 g
SD2	1.00 g	1.00 g	1.00 g	5.01 g	5.00 g	5.00 g	99.97 g	99.97 g	99.96 g
SD3	0.99 g	1.01 g	0.99 g	4.99 g	5.01 g	5.01 g	99.95 g	99.97 g	99.95 g
SD4	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.01 g	99.95 g	99.96 g	99.96 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	100.0 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg

BCCL Weight Set - 155617

2025 DN 3/20/2025

SURROGATE WEIGHT MEASUREMENTS FOR MU CALCULATIONS ~~2024~~

DATE: 1/23/2025 ANALYST: DN

BALANCE	WEIGHT									
	SD Lab Time 1 : 04:14 am / (pm) Temp/Humidity: 17.6 °C / 31 %			ER Area Time 2 : 04:40 am / (pm) Temp/Humidity: 20.1 °C / 25 %			T/V Area Time 3 : 04:32 am / (pm) Temp/Humidity: 20.8 °C / 30		
AP210S	1.0009 g	1.0008 g	1.0009 g	5.0052 g	5.0051 g	5.0051 g	99.9592 g	99.9591 g	99.9591 g
AX224N	1.0010 g	1.0011 g	1.0010 g	5.0052 g	5.0055 g	5.0052 g	99.9590 g	99.9591 g	99.9590 g
MPC2000	1.00 g	1.00 g	1.00 g	5.02 g	5.01 g	5.00 g	99.98 g	99.98 g	99.98 g
SD1	1.01 g	1.00 g	1.00 g	5.00 g	5.00 g	5.00 g	99.96 g	99.95 g	99.96 g
SD2	1.00 g	1.00 g	1.00 g	5.01 g	4.99 g	5.00 g	99.95 g	99.96 g	99.96 g
SD3	1.00 g	1.01 g	0.99 g	4.99 g	5.01 g	5.01 g	99.96 g	99.98 g	99.96 g
SD4	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.01 g	99.95 g	99.96 g	99.96 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	100.0 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg

DATE: 1/27/2025 ANALYST: DN

BALANCE	WEIGHT									
	SD Lab Time 1 : 08:15 (am) / pm Temp/Humidity: 19.2 °C / 67 %			ER Area Time 2 : ~~09:17~~ 10:19 DN 1/27/25 (am) / pm Temp/Humidity: ~~20.6~~ 20.3 °C / ~~56~~ 56 % DN 1/27/25			T/V Area Time 3 : 09:17 (am) / pm Temp/Humidity: 20.6 °C / 56		
AP210S	1.0010 g	1.0009 g	1.0011 g	5.0052 g	5.0051 g	5.0051 g	99.9593 g	99.9590 g	99.9592 g
AX224N	1.0008 g	1.0010 g	1.0008 g	5.0053 g	5.0052 g	5.0055 g	99.9595 g	99.9594 g	99.9597 g
MPC2000	1.00 g	1.00 g	1.00 g	5.00 g	5.00 g	5.01 g	99.97 g	99.97 g	99.97 g
SD1	1.00 g	1.00 g	1.00 g	5.00 g	5.01 g	5.00 g	99.96 g	99.96 g	99.96 g
SD2	1.00 g	0.99 g	1.01 g	5.00 g	5.01 g	5.01 g	99.96 g	99.95 g	99.96 g
SD3	0.99 g	1.00 g	0.99 g	4.99 g	5.01 g	5.00 g	99.95 g	99.93 g	99.96 g
SD4	1.01 g	0.99 g	1.00 g	5.01 g	5.01 g	5.01 g	99.95 g	99.93 g	99.94 g
PJ6000	1.0 g	1.0 g	1.0 g	5.0 g	5.0 g	5.0 g	100.0 g	100.0 g	100.0 g
M-Toledo	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg	0.50 kg

BCCL Weight Set - 155617