2485 PG Setup in COMPASS for Pressure

Manual operation (no piston gauge monitor)

1. First setup the Piston-Cylinder as a "Piston Gauge" type. This one goes to 60000 psi

Piston-Cylinder Editor		×
Piston-Cylinder Label J-310	2/5	Pi
Header Calibration Tolerance Character	ristics	벽을
······································		
Manufacturer	Ruska	
Model	2485-997	- E 1
Serial Number	J310	$ \mathbf{x} $
Identification	60,000 psi	
Customer ID	D49383	
Piston-Cylinder Type	Piston Gauge	
	Close	
Distan Culinder Editor		- X
Piston-Cylinder Editor		×
Piston-Cylinder Editor Piston-Cylinder Label J-310	2/5	
Piston-Cylinder Editor Piston-Cylinder Label J-310	2 / 5	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character	istics	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character	istics	
Piston-Cylinder Editor Piston-Cylinder Label J.310 Header [Calibration] Tolerance Character Calibration Date	2 / 5 istics	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character Calibration Date Calibration Due Date	2 / 5 1 ristics 9 /20/2011 9 /20/2014	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character Calibration Date Calibration Due Date Calibration Performed By	2 / 5 ristics 9 /20/2011 9 /20/2014 Ruska	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character Calibration Date Calibration Due Date Calibration Performed By Certification ID	2 / 5 ▲ istics 9 /20/2011 9 /20/2014 Ruska 110920J310	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device		
Piston-Cylinder Editor Piston-Cylinder Label J.310 Header Calibration Tolerance Character Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited	2 / 5 ▲ istics 9 /20/2011 9 /20/2014 ■ 110920/310 2/14/2012 2:57:10 PM Advin	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited By	2 / 5 ▲ istics 9 /20/2011 9 /20/2014 Ruska 110920J310 2/14/2012 2:57:10 PM Admin	
Piston-Cylinder Editor Piston-Cylinder Label J.310 Header Calibration Tolerance Character Calibration Due Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited By	2 / 5 istics 9 /20/2011 9 /20/2014 9 /20/2014 Ruska 110920/310 2/14/2012 2:57:10 PM Admin	
Piston-Cylinder Editor Piston-Cylinder Label J-310 Header Calibration Tolerance Character Calibration Due Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited By	2 / 5 Image: state	

Piston-Cylinder Label J.310 Header Calibration Tolerance Characteristics Effective Area Tolerance Type %Span %Span 0 Enter correct tolerance here. Usually from Cal Report. Image: Dose	Piston-Cylinder Editor	x
Header Calibration Tolerance Characteristics	Piston-Cylinder Label J-310	
<u><u>C</u>lose</u>	Header Calibration Tolerance Characteristics	
	<u><u>C</u>lose</u>	

Piston-Cylinder Editor		×
Piston-Cylinder Label J-310	2/5	D
Header Calibration Tolerance Characteristics		Ð
Effective Area 2.371152E-6 m2 Temperature Reference 23 C Mass 3.000012E-1 kg Mass Resolution 0.0000001 ▼ kg Average Density 7.8 g/cm3 Min Rotation Rate (RPM) 0 Max Rotation Rate (RPM) 0	 Piston Thermal Expansion 9.100E-6 /C Cylinder Thermal Expansion 0.000E0 /C Pressure Expansion 4.728E-7 /MPa Pressure Expansion 2nd 0.000E0 /MPa^{2**} Reference Level Offset 0.000E0 in L1 2.283E0 in Surface Tension(N/m) 0 Mari Sink Pata 0 	

Here's the setup of the other Piston-Cylinder to 20000 psi

Piston-C	Cylinder Editor					×
Pis	ton-Cylinder Label J-311			3/5		<u> </u>
				•	•	
Header	Calibration Tolerance Characteri	tics				벽크
	•					
	Manufacturer	Ruska				
	Model	2485-983				
	Serial Number	J311				
	Identification	20,000 psi				
	Customer ID	D49383				
	Piston-Cylinder Type	Piston Gauge		•		
						📿
				4		
			<u>C</u> lose			

Pi	ston-Cylinder Editor		x
	Piston-Cylinder Label J-311	3/5	٦
		<u>↓</u>	
Ī	Header Calibration Tolerance Characte	ristics	벽희
	Collection Date		
	Calibration Date	8/30/2011	
	Calibration Due Date	8/30/2013	1 7 1
	Calibration Performed By	Ruska	$ \mathbf{x} $
	Certification ID	110830J311	· · ·
	M&TE Device		
	Record Last Edited	2/14/2012 2:54:01 PM	
	Record Last Edited By	Admin	
			」 ❤️
		Close	
	Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited Record Last Edited By	8 /30/2011 ▼ 8 /30/2013 ▼ Ruska ▼ 110830J311 ▼ 2/14/2012 2:54:01 PM ▲ Admin ▼	×

Piston-Cylinder Editor Piston-Cylinder Label J-311	
Header Calibration Tolerance Characteristics	
Piston-Cylinder Editor Piston-Cylinder Label J.311	

				<u> </u>			₿ a
	Header Calibration Tolerance	Characteristic	s				
	Effective Acces	2 444 0705 0		Distan Theoryal Furgersian			
	Effective Area	7.1118/6E-6	m2 💌	Piston Thermal Expansion	9.100E-6	/C c from cal cert	
	Temperature Reference	23	C 💌	Cylinder Thermal Expansion	0.000E0	/C	
Tota	I Tare True Mass from cert Mass	3.000105E-1	kg 💌	Pressure Expansion	8.282E-7	/MPa b1 from cal c	ert
	Mass Resolution	0.0000001	💌 kg	Pressure Expansion 2nd	0.000E0	/MPa²''	\sim
То	tal Tare Density Average Density	6.2	a/cm3 ▼	Reference Level Offset	0.000E0	in 🔹	
tro	m cert Min Rotation Rate (RPM)	0		L1	2.862E0	in lin	<u>s</u>
	Max Rotation Rate (RPM)	0		Surface Tension(N/m)	0		
				Max Sink Rate	0	in/min 💌	
				<u>Close</u>			

2. Then setup the Mass Bell

Mass Bell Editor		×
Mass Bell 2485-940	2/3	ľ Pa
Header Calibration Mass Bell Manufacturer Model Serial Number Identification Customer ID	Ruska 2485-940 52872 D49383 Close	
Mass Bell Editor		×
Mass Bell Editor Mass Bell 2485-940	2/3 1	
Mass Bell Editor Mass Bell 2485-940 Header Calibration Mass Bell	2/3	
Mass Bell Editor Mass Bell 2485-940 Header Calibration Mass Bell Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited By	2 / 3 1 9 /13/2011 9 /13/2014 Ruska 11091352872 2/14/2012 2:59:59 PM Admin	

Mass Bell 2485-940	D
4 •	
Header Calibration Mass Bell	
True Mass from cal cert Mass * To poort 45 t	Ы
Mass Resolution * 0.0000114E-1 kg	\mathbf{D}
Density from cal cert Average Density * 7.800E0 g/cm3 V	\mathbf{v}
Mass Bell Tolerance * 3.500E-6 kg	\frown
D (Hanger Mass Depth) 10.7400 in 💌	
Sleeve Offset 0,0000 in	
	0
Close	

Can setup another Mass Bell if you have one

Mass Bell Editor	×
Mass Bell 2485-950-035 Mini Sleeve 3 / 3	D
▲ ▶	
Header Calibration Mass Bell	
Manufacturer Ruska	$ \mathbf{D} $
Model 2485-950-035	\sim
Identification	
Close	

Mass Bell Editor		×
Mass Bell 2485-950-035	Mini Sleeve 3/3	Ď
	<u>◀</u> ▶	Ē
Header Calloration Mass Bell		
Calibration Date	9 /13/2011	
Calibration Due Date	6/1/1980 🗸	
Calibration Performed By	Ruska	- x
Certification ID		\sim
M&TE Device		185
Record Last Edited	2/14/2012 3:01:23 PM	H
Record Last Edited By	Admin	
	,	
	Close	
[
Mass Bell Editor		×

Mass Bell Editor	×
Mass Bell 2485-950-035 Mini Sleeve 3 / 3	
Header Calibration Mass Bell	
Mass * 5.000075E-1 kg Mass Besolution * Io coopoon	
Average Density × 7.800E3 kg/m3 -	×
Mass Bell Tolerance * 2.500E-6 kg	• •
D (Hanger Mass Depth) 8.5000 in v	B
	2
Close	

3. Then setup the Mass Set as a "Piston Gauge" type

Mass Set	Editor			×
	Mass Set Label Ruska 2485	-940 MS	<mark>3/4</mark>	
Header	Calibration Mass Set			
	Manufa Serial N Identifi Custor Mass Set	cturer Ruska Model 2485-940 umber 52872 cation D49383 Type Piston Gauge		≌ × ⊘
		Close		
Mass Set	Editor			×
Mass Set	Editor Mass Set Label Ruska 2485	-940 MS	3/4	
Mass Set Header	Editor Mass Set Label Ruska 2485 Calibration Mass Set	-940 MS	<mark>3/4</mark> ↓ ↓	
Mass Set	Editor Mass Set Label Ruska 2485 Calibration Mass Set Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited Record Last Edited By	-940 MS (2/13/2011 9 /13/2014 Ruska 11091352872 2/14/2012 3:06:41 PM Admin		

Mass Set Editor			x
Mass Set Label Ruska 2485-940 M	S	3/4	D
		↓	
Header Calibration Mass Set			43
Individual Masses	Individual Mass Settings		
26 0.2000000 kg	Mass Name*	26	
25 0.300000 kg	Nominal Mass	0.2000000	
24 0.5000000 kg	True Mass from cal cert True Mass*	0.1999966	\sim
22 2.0000000 kg	Tolerance*	0.000001	\sim
21 3.0000000 kg	Density from cal cert Mass Density*	7800	<i>M</i>
3 5.000000 kg	Makeup Mass		
4 5.0000000 kg	Mass Unit		- A
6 5.0000000 kg			
7 5.000000 kg	Mass Density Unit	kg/m3 ▼	
8 5.000000 kg 🔻	Mass Set Resolution	0.0000001 🗨	
	Mass Set Total	102.0012697 kg	
	<u>C</u> lose		

Mass Set Editor	X
Mass Set Label Ruska 2485-940 MS	
Header Calibration Mass Set Individual Masses Individual Mass Settings 8 5.0000000 kg Image: Set	 26 0.2000000 0.1999966 0.000001 7800 7800 7800 7800 0.0000001 102.0012697 kg

4. Can also setup a trim mass set

Mass Set	Editor			×
	Mass Set Label 2465A Trim	Mass	<mark>1/3</mark> ∢ ▶	
Header	Calibration Mass Set			
	Manufa	cturer Dunka		 N)
		Model 24654		~
	Serial Nu	Imber 24834		
	Identific	cation Trim Mass Set		Ē
	Custon	ner ID S638838		
	Mass Set	Type Piston Gauge Trim Mass	•	
		,		-
<u> </u>		Close		
Mass Set	Editor			x
Mass Set	Editor Mass Set Label 2465A Trim	Mass	1/3	
Mass Set	Editor Mass Set Label 2465A Trim	Mass	1/3 <	
Mass Set	Editor Mass Set Label 2465A Trim	Mass	<mark>1/3</mark> ∢ ▶	
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set	Mass	<mark>1/3</mark> ∢►	
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set	Mass	<mark>1/3</mark> ∢►	
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date	Mass 9 /18/2009		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date	Mass 9 /18/2009 9 /23/2013		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By	Mass 9 /18/2009 9 /23/2013 589		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device	Mass 9 /18/2009 9 /23/2013 589		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited	Mass 9 /18/2009 9 /23/2013 589 2/14/2012 1:06:26 PM		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited Record Last Edited By	Mass 9 /18/2009 9 /23/2013 589 2/14/2012 1:06:26 PM Admin		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited Record Last Edited By	Mass 9 /18/2009 9 /23/2013 589 2/14/2012 1:06:26 PM Admin		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited Record Last Edited By	Mass 9 /18/2009 9 /23/2013 589 2/14/2012 1:06:26 PM Admin		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited By	Mass 9 /18/2009 9 /23/2013 589 2/14/2012 1:06:26 PM Admin		
Mass Set	Editor Mass Set Label 2465A Trim Calibration Mass Set Calibration Date Calibration Due Date Calibration Performed By Certification ID M&TE Device Record Last Edited Record Last Edited By	Mass 9 /18/2009 9 /18/2013 589 2/14/2012 1:06:26 PM Admin		

Mass Set Editor	×
Mass Set Label 2465A Trim Mass 1/3	D
	Ba
Header Calibration Mass Set	
Total Trim Mass* (g) 210	- 10
Available Resolution* 0.001	$ \mathbf{X} $
Mass Set Density 8000	
Mass Density Unit kg/m3 💌	**
	2
<u><u>C</u>lose</u>	

5. Then setup the 2485 Platform as a Piston Gauge – and choose piston(s), mass set(s), monitor(s), etc. to use

Piston Gauge Platform Editor				x
Record Label 2485-950D			2/2	٦
		•	•	
Header Calibration P-C/MS Sources	Comment			벽비
Platform Device Type	Simple Device	-		
Record Type	Individual			
Manufacturer	Ruska	-	<i>4</i> 4	- × 1
Model	2485	-		X
Serial Number	52946			
Identification	75,000 psi			<u></u>
Customer ID	D49383			
	This device can be used as a DUT.			
Platform Type	Piston Gauge	•		
	Close			

Piston Gauge Platform Editor		x
Record Label 2485.	950D 2/2	D
Header Calibration P-C/MS S	purces Comment	
Calibration Date	2 /14/2012 Calibration Due Date 2 /14/2012	
Calibration Performed By	Certification ID	$ \mathbf{N}\rangle $
Calibration Setting1	Calibration Setting3	\mathbf{v}
Calibration Setting2	Calibration Setting4	
M&TE Device		
Record Last Edited	2/14/2012 3:11:18 PM	
Record Last Edited By	Admin	v
	Close	

If you don't see any items in the lists you might have all items show "Select All" and save the Piston Gauge. Once COMPASS knows it's a PG you can select relevant piston-cylinder(s), mass set(s), sources to use

Piston Gauge Platform Editor					×
Record Label 2485-95	DD		2/2		D
Header Calibration P-C/MS Sour	ces Comment	•		}	
Piston-Cylinder	J-310	-	<u>E</u> dit		_
Mass Set	Ruska 2485-940 MS	-	<u>E</u> dit		
Trim Mass Set	2465A Trim Mass	•	<u>E</u> dit		\mathbf{x}
Mass Bell	2485-950-035 Mini Sleeve	•	<u>E</u> dit		· · ·
Default Medium	DOS Sebacate	-			<u>s</u>
	Limited to Defaul Medium				
Default Measurement Mode	Gauge	•			
	Limted to Default Measurement Mode				
	Close				

On the "Sources" tab choose 2455 or 2456 PG monitor if you have that, otherwise "Manual Entry" for required parameters.

Piston Gauge Platform Editor	x
Record Label 2485-950D 2 / 3	Dì
Header Calibration P-C/MS Sources Comment	
Platform Condition Sources	
Reference Vacuum None	
P-C Temperature Manual Entry	
Piston Position None	$ \mathbf{X} $
Piston Rotation Rate None	
	$ \mathbf{O} $
Close	

6. Then run a Manual Test in COMPASS for Pressure to test

🕴 Run Manu	al Test (Hardware Se	tup)				
Select Units The unit lists The selectio correspondir	Select Units of Measure The unit lists below define the units of measure to use when logging outputs to the data file. The selections also represent the default display unit of devices that output the corresponding quantity. Select the desired units and press [Next].					
	Test Pressu	ıre Unit	psi		•	
	Select/enter use	r name	Admin		_	
	Timed	Macro	None		-	
	Time Inter	val(ms)	0			
				<u>C</u> lear Previous Sele	ections	
2	<u>Cancel</u>	<u>B</u> ack		Next	<u> </u>	

Don't need to select a DUT (but can if you want)

🕴 Run Manual Test (Hardware Setup)		
Select DUT Add DUTs by double clicking the desired remove DUTs from the support list. The s	DUTs in the list. Use the [Ren pecific setup of DUTs is handl	nove] button to ed in a later step.
🔺 Label	Manufacturer	Model 🔺
100 psig	Druck	2200-A145
Druck DPI 610 300PSI Absolute	Druck	DPI-610
100 PSIA	Druck	2200-A145
1000 psig	Druck	2200-A145 🖕
	Drook	2200 A145
		Search
		<u>R</u> emove
Cancel <u>B</u> ack	Next	<u> </u>
Fun Manual Test (Hardware Setup)		
Test Hardware Configuration		

	Test Hardware Configuration Ambient Pressure	Manual Entry	
	Ambient Temperature	Manual Entry	
ļ	Ambient Humidity	Manual Entry	
	Reference Pressure	2485-950D / PG Pressure	
	Test Pressure Control	Manual Control	
	kd. Ibinlauer	Neve	
	Multiplexer		
	Valve Driver	None	
		Default Hardware Setup	
		<u>B</u> ack <u>N</u> ext <u>F</u> inish	

🕴 Run Manual Test (Ha	ardware Setup)					
Configure Device (1 / 1)	Configure Device (1 / 1) 2485-950D					
Manufacturer Ru	ska	Customer ID D49383				
Model 24	35	Manual Interface Manual				
Serial Number 52	346	Parameter ID				
Identification 75,	000 psi					
Reference Pressure: Pis	ton Gauge Settings					
Piston-Cylinder	J-311 💌	Head Height 0.0	cm			
Mass Set	Ruska 2485-940 MS 💌	Medium DOS	Sebacal 👻			
Mass Bell	2485-940 💌	P.C. Tomporture	15			
Trim Mass Set	2465A Trim Mass 🔹	P C Position	al Entry			
Measurement Mode	Gauge 💌	P-C Position None				
Nominal Range: 0.00 / 62	2568.12 psi	Beference Vacuum None	<u> </u>			
		Increase a doddin [None				
	Back	Next	<u>F</u> inish			

🕴 Run Manual Test (Hardwa	are Setup)					
 Initialization Complete The initialization process is conserved to settings are correct for each of settings are correct for each of the settings are corrected at the settings at the settings at the setting at the se	 Initialization Complete The initialization process is complete. Verify that the remote interface connections and settings are correct for each device. Press [Finish] to begin the test. 					
Test DUTs Reference Pressure	Manual Test 0 N/A 0.00 / 62568.12 psi					
<u>Cancel</u>	<u>B</u> ack Next	[]				

PG Calculator Window comes up like this, with no masses selected

⊕ 2485-950D □ ×						
	Piston Gauge Platform	2485-950D	Masses To Load			
	Piston-Cylinder	J-311		Π		
	Mass Set	Ruska 2485-940 MS				
	Trim Mass Set	2465A Trim Mass				
	Mass Bell	2485-940				
	Medium	DOS Sebacate	v			
	Measurement Mode	Gauge	v			
	Ambient Temperature (F) Ambient Humidity(%RH) Ambient Pressure (psi) Ambient Pressure Height (cm) Vent Height (cm) Head Height (cm) P-C Temperature (F) Piston Position (mm) Local Gravity (m/s^2) Mass Loading Resolution Pressure Display Resolution Pressure (psi) True Mass (kg)	70.000 Mass List 40.0 Piston 0.3000000 14.6960 1 Bell 0.7000000 26 0.2000000 kg 25 0.3000000 kg 0.00 24 0.5000000 kg 0.0 23 1.0000000 kg 0.0 21 3.0000000 kg 70.000 3 5.0000000 kg 9.806650 6 5.0000000 kg 10g Trim Mass(g) 0.0000 0.0000000	 Calculations Air Density (P,T): 1.1953 Mass Density: 6.2000E+03 Area (P,T) (m2): 7.1100E-06 Head Total (Pa): 1773.6019 Density 1: 913.0000 Head 1 (Pa): 0.0000 Density 2: 0.0000 Density 2: 0.0000 Density 2: 0.0000 Head 2 (Pa): 0.0000 Piston Height (m): 0.2001 Piston Head (Pa): 1773.6019 			
	Nominal Mass (kg)	Vent Pressure is Ready				

Select masses and pressure will be shown, or enter a Pressure and hit [Enter] to see what masses to load. Select "Mass Loading Resolution", "Pressure Display Resolution", etc.

⊕ 2485-950D □					
Piston Gauge Platform	2485-950D		Masses To Load		
Piston-Cylinder	J-311		Piston 0.3000000 kg		
Mass Set	Ruska 2485-940 MS		1 Bell 0.7000000 kg 24 0 5000000 kg		
Trim Mass Set	2465A Trim Mass		23 1.0000000 kg		
Mass Bell	2485-940		2 5.0000000 kg 3 5.0000000 kg		
Medium	DOS Sebacate	T	4 5.0000000 kg		
Measurement Mode	Gauge	-	6 5.0000000 kg		
	, 		7 5.0000000 kg 8 5.0000000 kg		
Ambient Temperature (F)	70.000 Mass L	ist <<			
Ambient Humidity(%RH)	40.0	00 kg 🔺 🕴			
Ambient Pressure (psi)	14.6960 Z5 0.30000 ✓ 24 0 50000	UU kg DO ka			
Ambient Pressure Height (cm)	0.00	00 kg	Calculations		
Vent Height (cm)	0.0 22 2.00000	00 kg ≡	Air Density (P.T.): 1,1953		
Head Height (cm) P-C Temperature (F)	0.0 21 3.00000 ✓ 2 5.000000 ✓ 3 5.000000 ✓ 3 5.000000 ✓ 4 5.000000 ✓ 5 5.000000	UU kg O kg O kg O kg O kg	Mass Density: 7.7839E+03 Area (P,T) (m2): 7.1121E-06		
Piston Position (mm)	0 6 5.000000	0 kg 10 kg	Head Total (Pa): 1789.2548		
Local Gravity (m/s^2)	9.806650	okg Okg v	Density 1:		
Mass Loading Resolution	100g 🔻 Trim Massíg	0.000	Head 1 (Pa): 0.0000		
Pressure Display Resolution	0.0001 -		Density 2: 0.0000 Head 2 (Pa): 0.0000 Piston Height (m): 0.2001		
Pressure (psi)	7500 7498.79	62	Piston Head (Pa): 1789.2548		
True Mass (kg)	37.5004900				
Nominal Mass (kg)	38.0000000				
2	Pressure is Ready				

Press [Pressure is Ready] button when piston is floating and ready