

# ACU-RITE® VUE

Step-by-Step Instructions for Changing the Resolution Factor

# **ACU-RITE® VUE:** *Changing Resolution Factor*



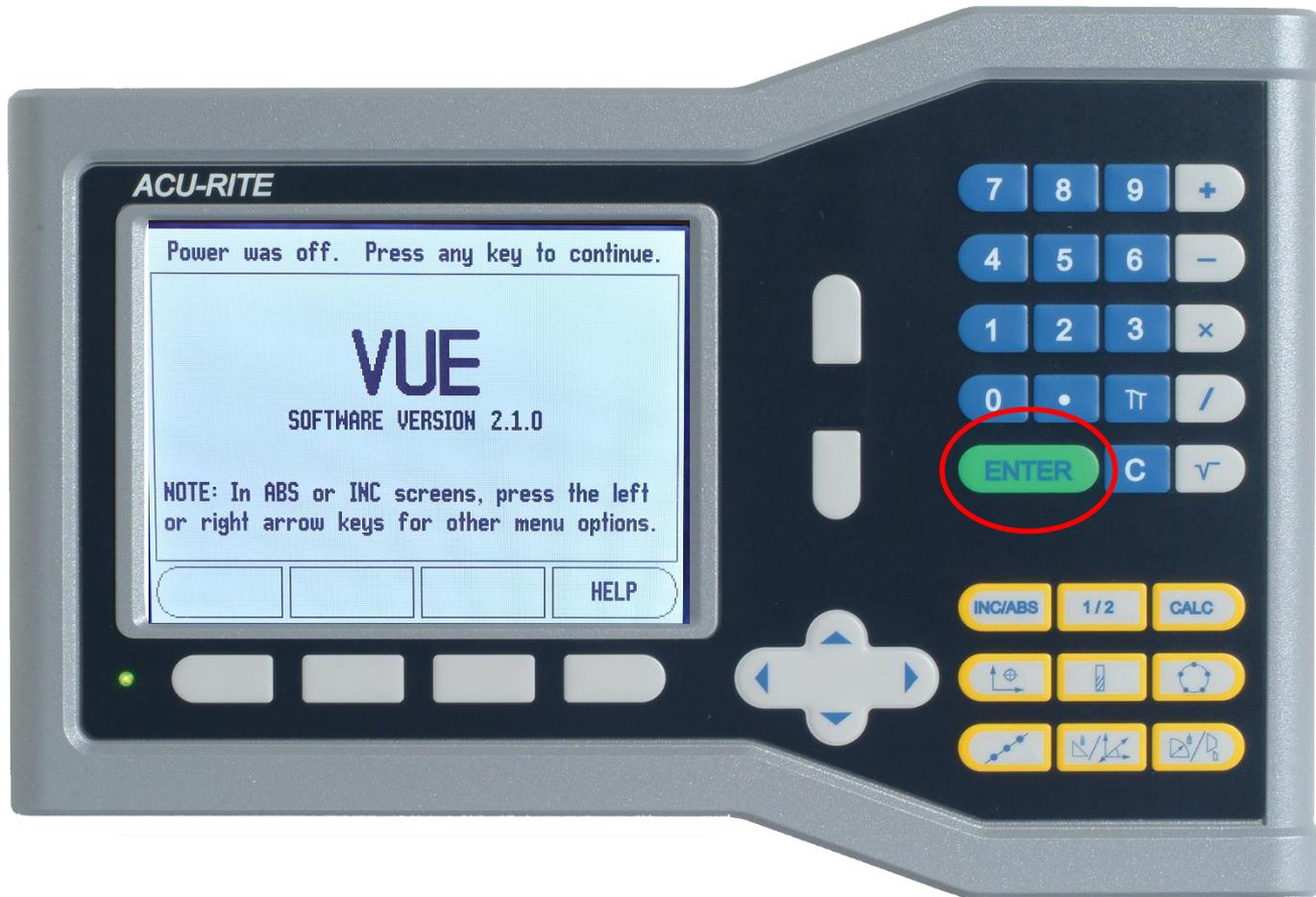
Inspect the reader head ID sticker on your scales.  
Locate and **record** the resolution factor on **each** scale.  
Each axis may be different 1 μm, 2 μm, 5 μm, 10 μm – etc.  
In this case its 1μm.

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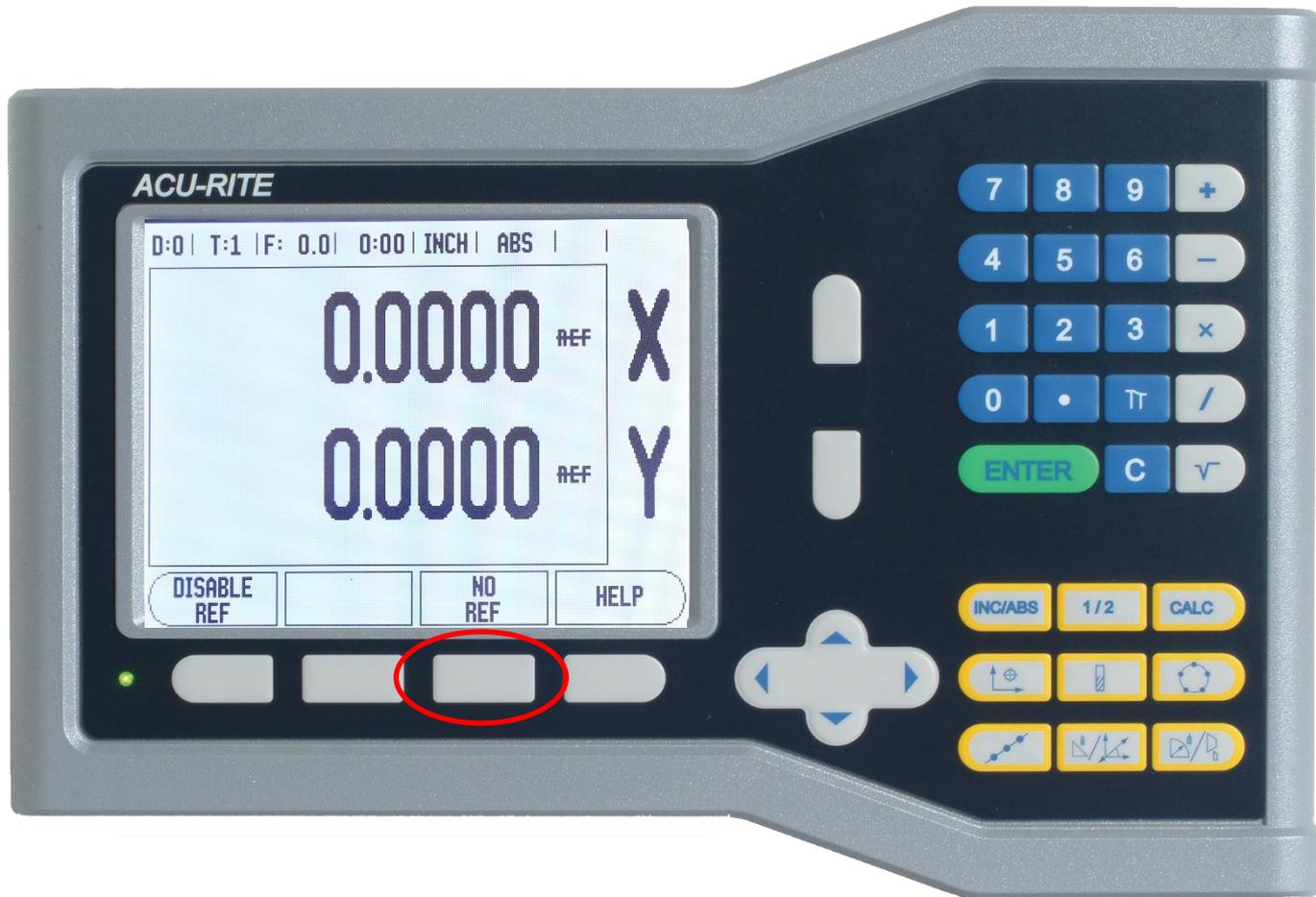
Start with the unit off.  
Or turn it off and wait 10 seconds before turning it back on.

# ACU-RITE® VUE: Changing Resolution Factor



From the home screen, press the **ENTER** key.

# ACU-RITE® VUE: Changing Resolution Factor



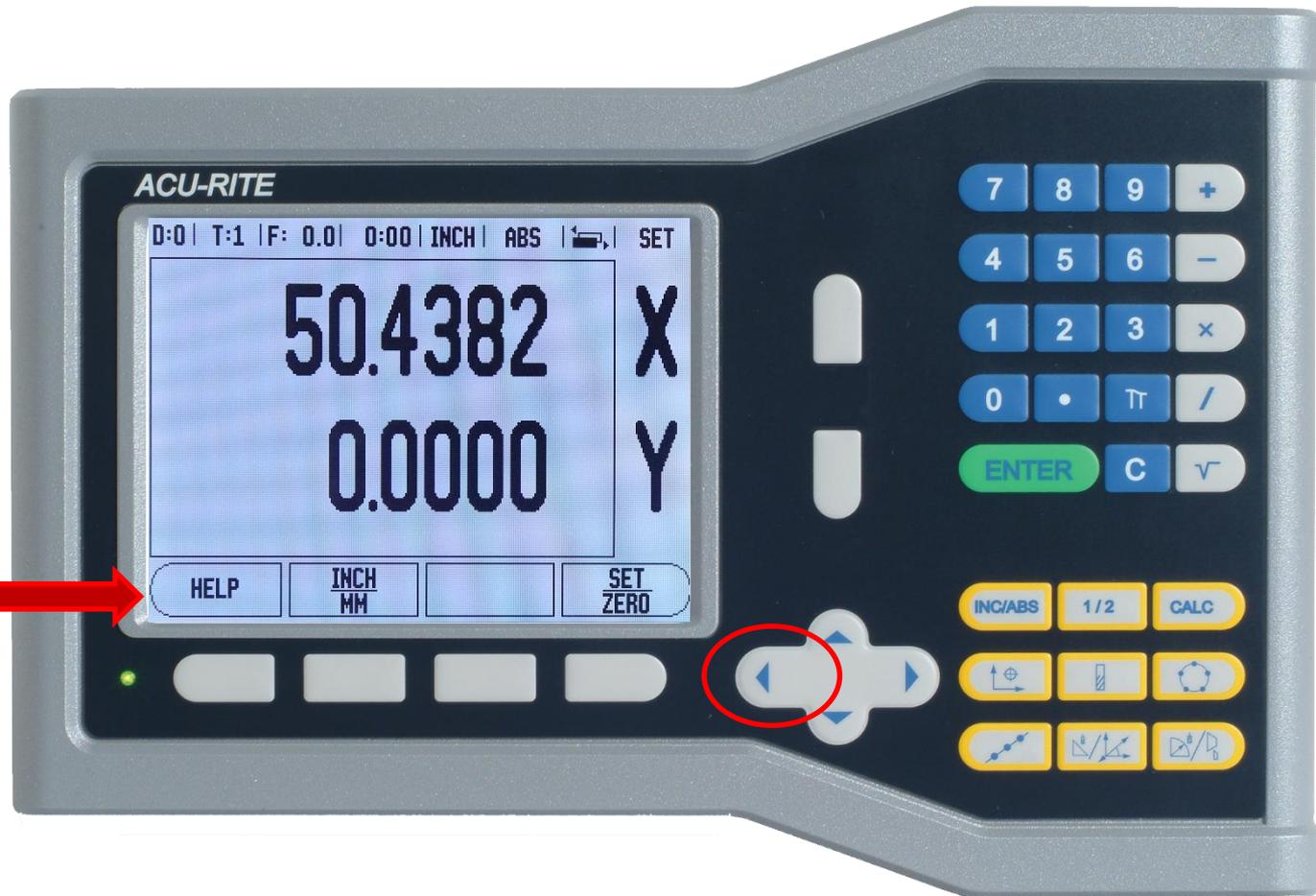
To change the resolution you don't need to reference the scale, so press the "NO REF" soft key.

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We moved our 10" scale its full length — but the DRO reads 50".

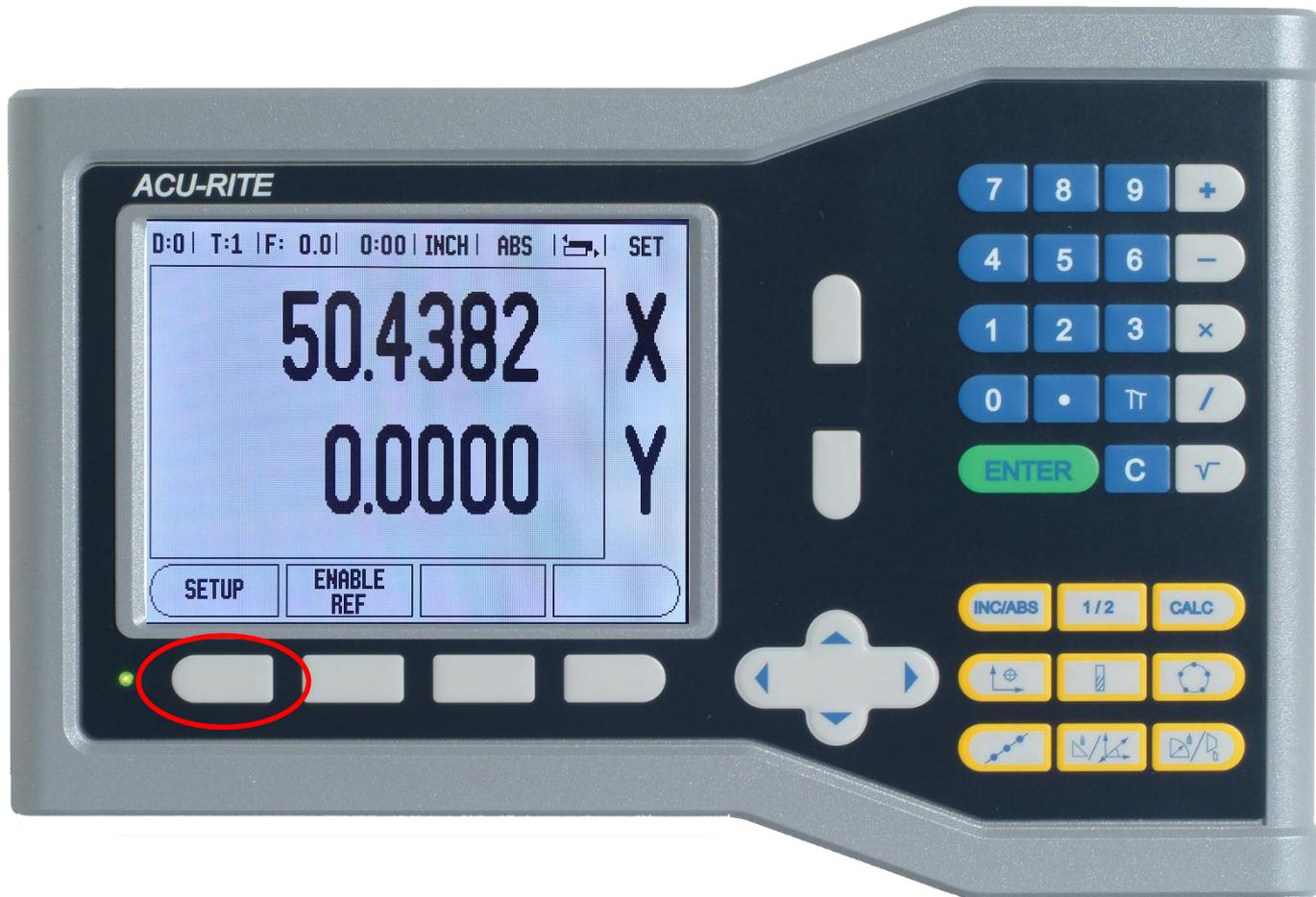
# ACU-RITE® VUE: Changing Resolution Factor



Soft  
Key  
Menu

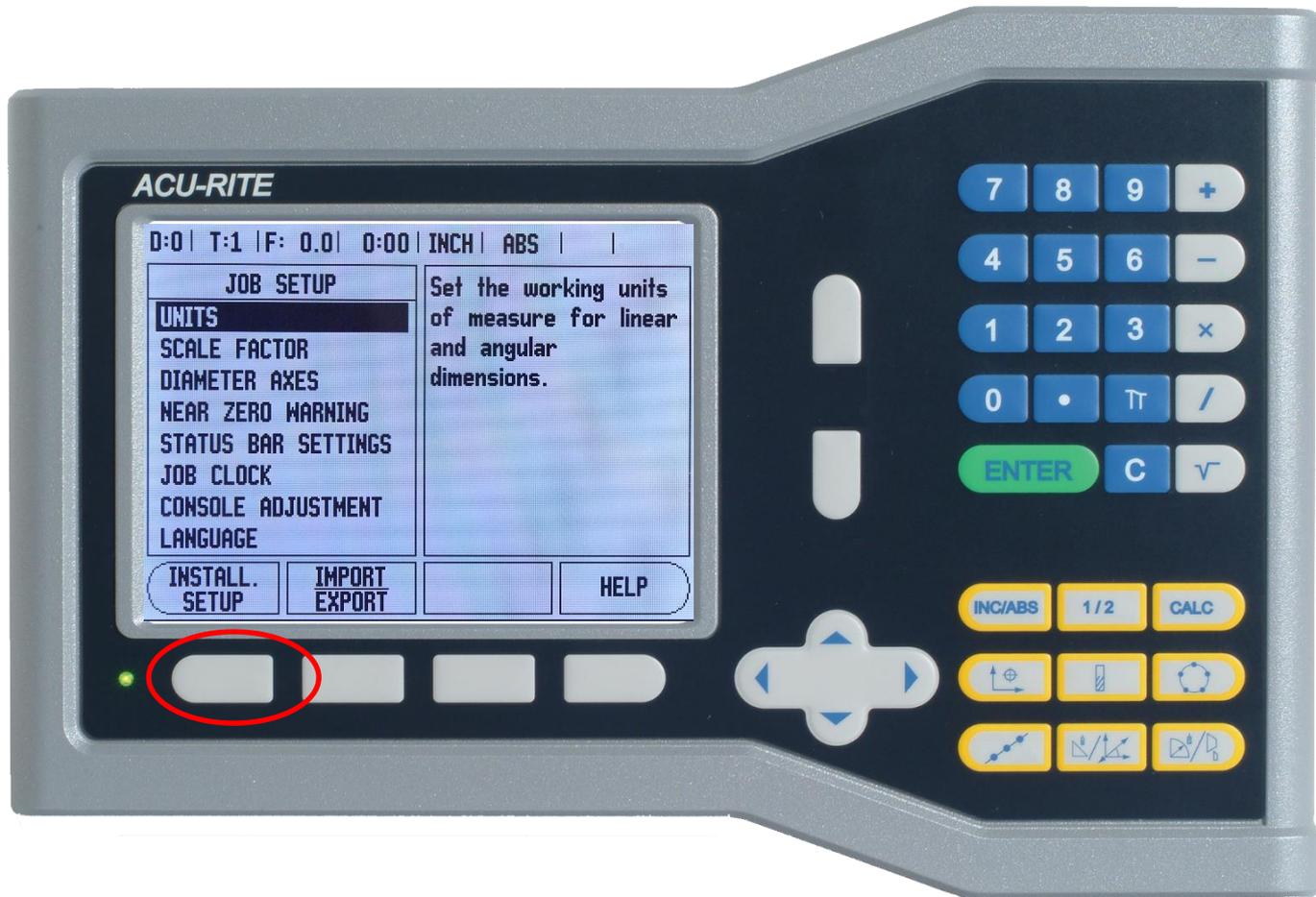
Press the  soft key until the first soft key menu space reads "SETUP."

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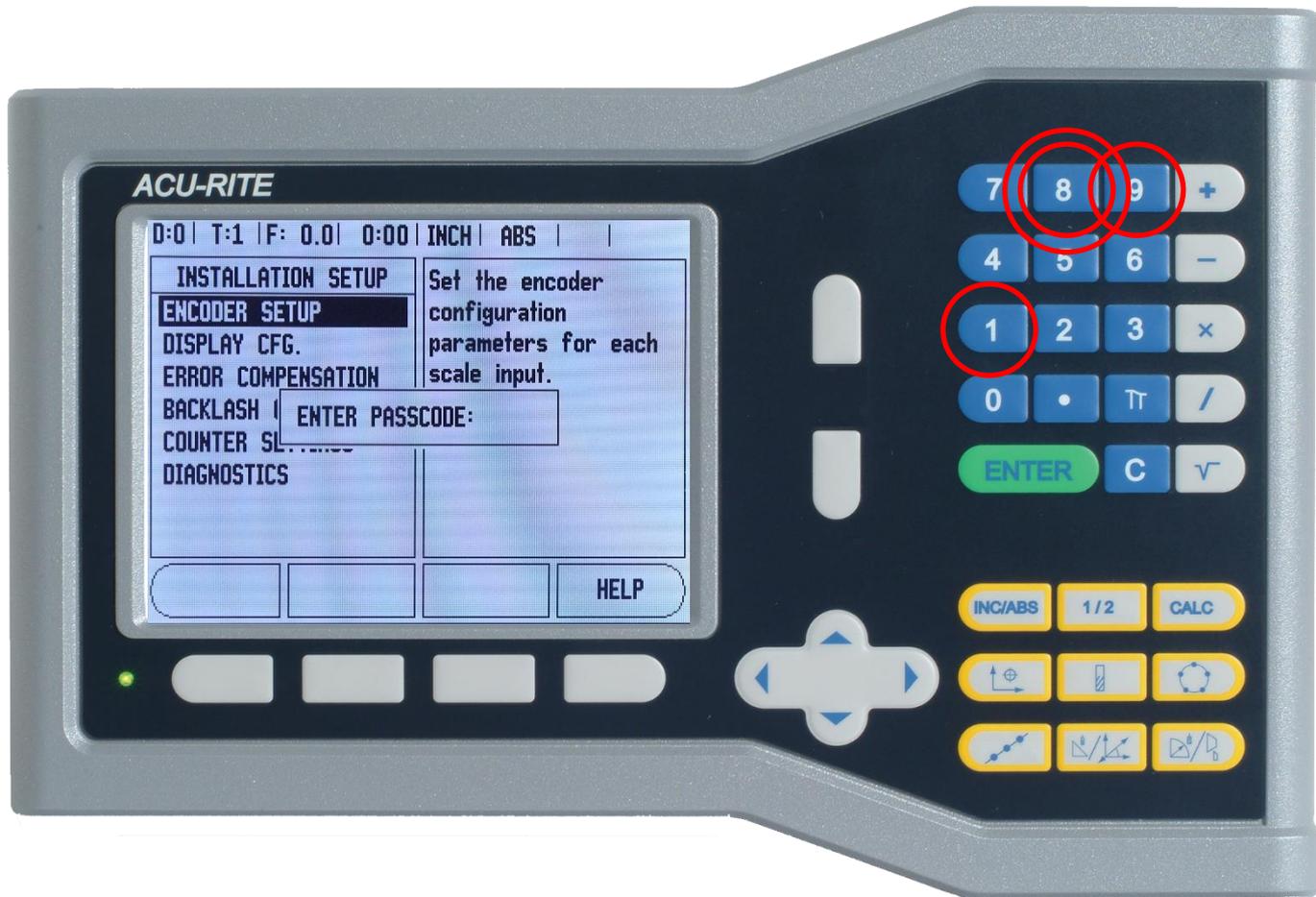
Press the “SETUP” soft key.

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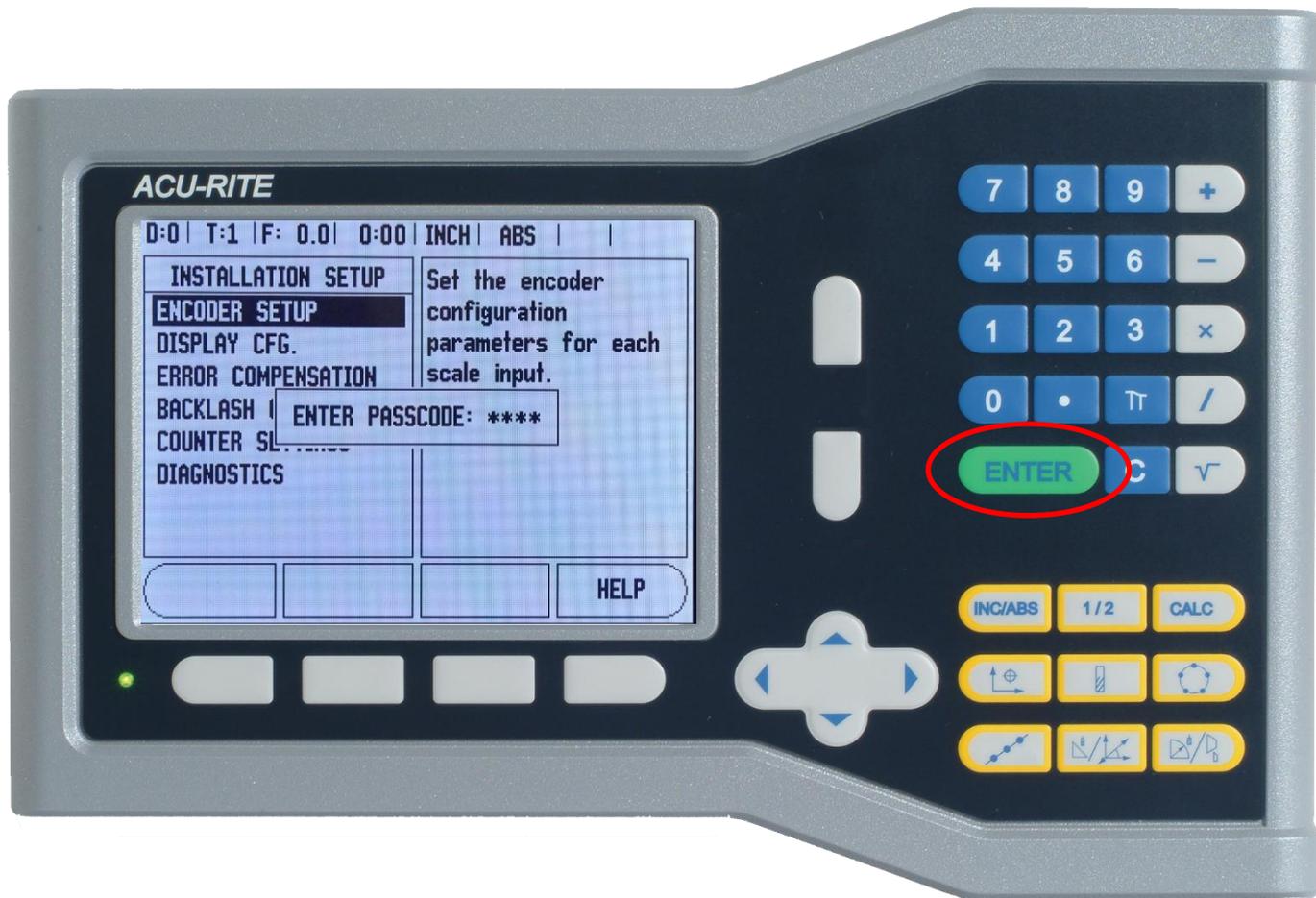
Press the “INSTALL SETUP” soft key.

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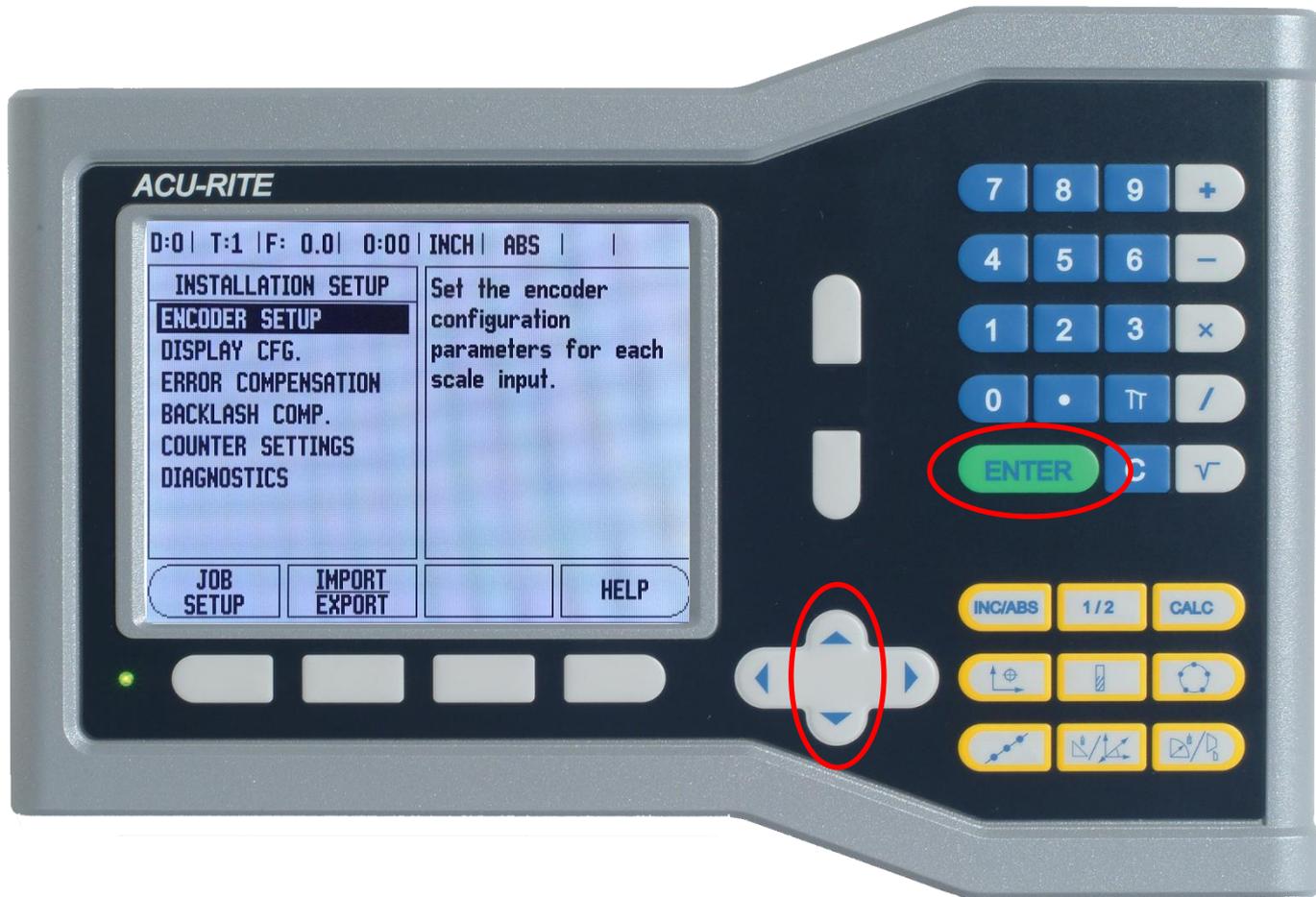
The DRO asks you for a “PASSCODE.”  
Use the number soft keys and press: **8 8 9 1**

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Press 

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“ENCODER SETUP” should be highlighted. If it isn’t, use the soft keys to highlight it. Then press **ENTER**



# ACU-RITE® VUE: Changing Resolution Factor



Use the  or  soft keys to highlight the input axis you want to change, then press 

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*This icon shows you how many pages there are in this function and which page you are on.*



Use the  or  soft keys to highlight the “RESOLUTION” box.

# ACU-RITE® VUE: Changing Resolution Factor



Use the “COARSER” and “FINER” soft keys to change the resolution factor until it matches what is printed on the encoder label. As you saw at the beginning, our scale is 1μm. Press **ENTER** to save your selection.

# ACU-RITE® VUE: Changing Resolution Factor



If you need to change more than one axis, highlight the other input axis. Repeat the procedure to change the resolution factor until it matches what is printed on each of the encoders labels. Press **ENTER** after each change to save them.

# ACU-RITE® VUE: Changing Resolution Factor



Press the **C** soft key as many times as needed to get back to the home screen.

# ACU-RITE® VUE: *Changing Resolution Factor*



Your DRO should now display the correct resolution for each of your scales.