

PRO-MIC Precision Dial Indicator System

Operator Instruction Summary

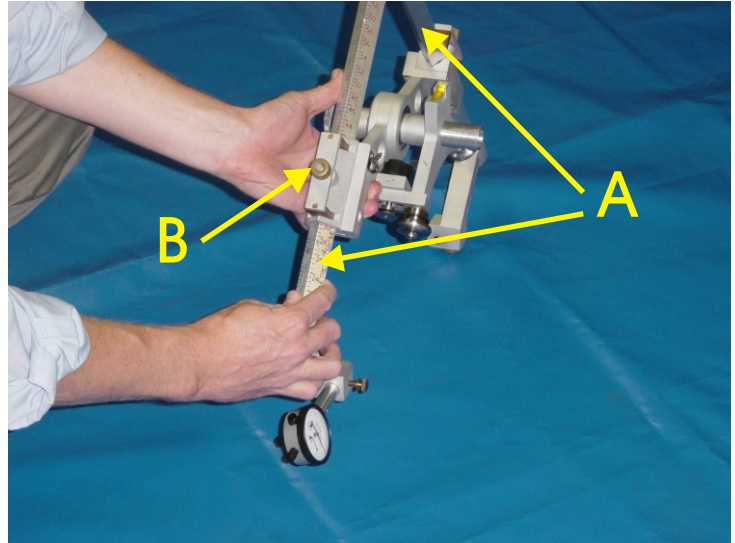
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Step 1:

Adjust the PRO-MIC Scales (A) by loosening the small thumb-nuts (B) and sliding the scales up or down to match the actual roll diameter. Scales are marked in inches and centimeters.

Align the engraved scale markings (either mm or inch) with the front edge of the crossarm.

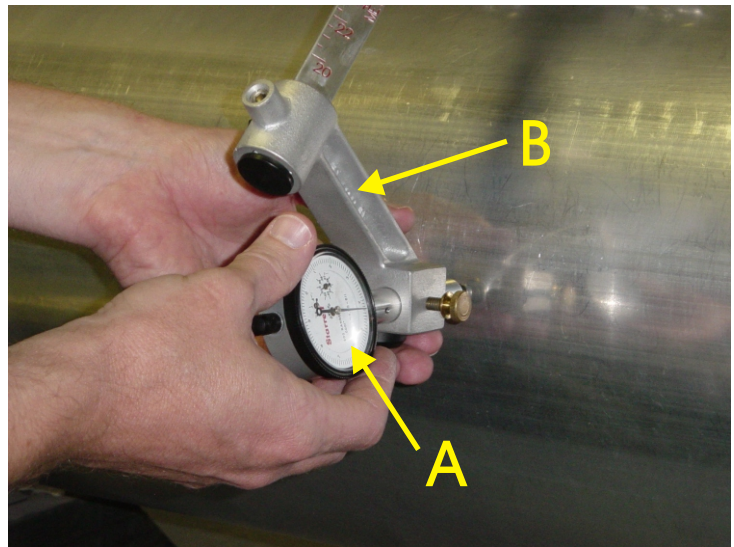
Generally, if an approximation is made between two engraved marks, the setting is accurate enough.



Step 2:

Damage to the Indicator (A) can be prevented by retracting the PRO-SET holders so that the indicator is protected inside the bracket (B).

This way, the PRO-MIC can be safely placed on the roll.



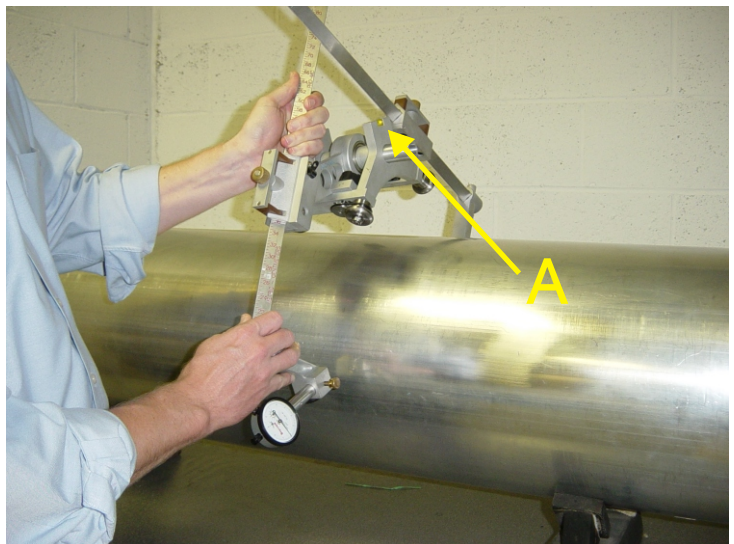
Step 3:

Carefully place the PRO-MIC on the roll and adjust to top-level using the PRO-MIC saddle mounted bar level (A).

Leveling is most important to ensure that the PRO-MIC is stable when resting on the roll as a fall can damage the PRO-MIC.

Measurements can be influenced if the PRO-MIC slips steeply off the roll top.

Some level variation can be tolerated during the measurement.



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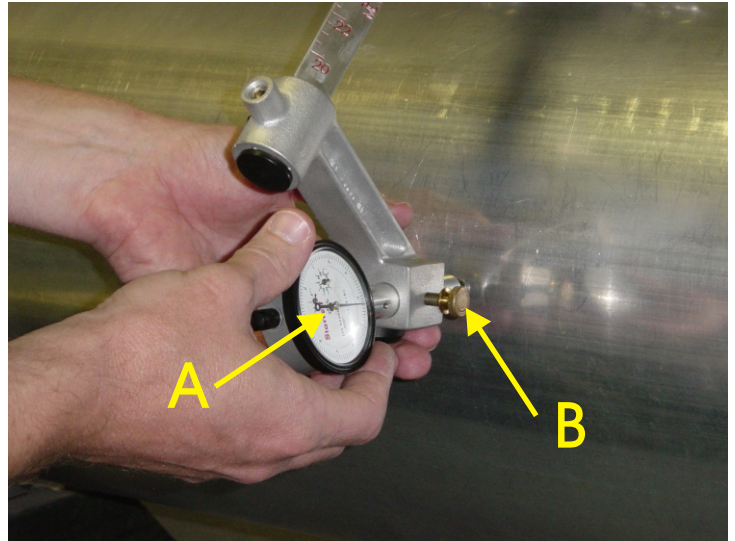
Operator Instruction Summary

Step 4:

Adjust the Indicator readout (A) to near the center of its measurement range, allowing enough movement in the indicator to measure your roll profile.

Loosen the PRO-SET locking thumbscrew (B) and slide the indicator assembly forward and backward to adjust.

Secure the PRO-SET locking thumbscrew.

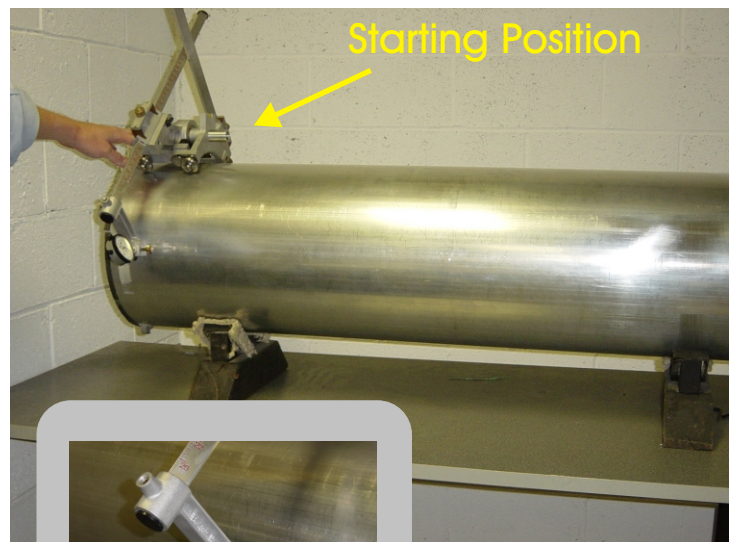


Step 5:

Carefully roll the PRO-MIC to the starting position at the left end of the roll body.

Take care not to roll the PRO-MIC off the end of the roll.

Your shop should determine a standard starting distance from the roll edge so that all measurements are consistent.



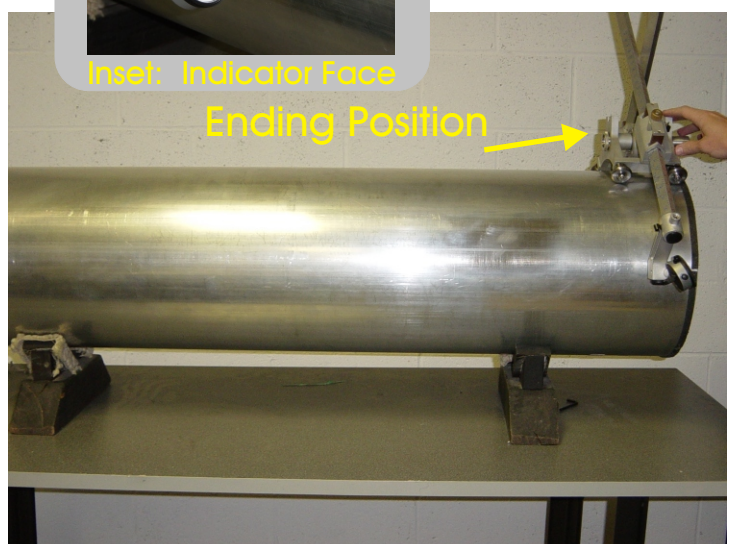
Step 6:

Carefully roll the PRO-MIC from left to right along the roll body, watching the manual indicator face to see the roll profile readings (inset).

Note: If the crossarm assembly or indicator are disturbed during the measurement, the readings may be affected.

Manual profiles can be measured by watching the indicator face display while moving or by stopping at predetermined locations to view indicator readings.

Note: If the roll surface is rough or soft, be certain the assembly is stable before collecting a static reading.



PRO-MIC Precision Dial Indicator System

Operator Instruction Summary

Step 7:

Damage to the Indicator can be prevented by retracting the indicator after each use.

This way, the PRO-MIC can be safely removed from the roll.



Step 8:

Carefully remove the PRO-MIC from the roll and return to the Charger/Interface location.



Congratulations, you have just measured your roll profile.

For additional information, please

visit www.pro-mic.com

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