

What is claimed is:

1. An apparatus (400) for a vibratory meter (100) having one or more flow tubes (101, 102) adapted to vibrate, comprising:
 - two or more brace bars (203, 204) adapted to couple to the one or more flow
 - 5 tubes (101, 102); and
 - an isolation bar (402) coupled to the two or more brace bars (203, 204).
2. The apparatus (400) of claim 1 wherein the two or more brace bars (203, 204) are coupled to the one or more flow tubes (101, 102).
- 10 3. The apparatus (400) of claim 1 wherein the isolation bar (402) includes an aperture (806a).
4. The apparatus (400) of claim 1 wherein the isolation bar (402) is adapted to
- 15 isolate the vibratory meter (100).
5. The apparatus (400) of claim 4 wherein the isolation bar (402) is adapted to isolate the vibratory meter (100) by one or more parameters selected to isolate the vibratory meter (100).
- 20 6. The isolation bar (402) of claim 5 wherein the one or more parameters selected includes a dimension of the isolation bar (402) selected to isolate the vibratory meter (100).
- 25 7. The dimension of the isolation bar (402) of claim 6 selected to isolate the vibratory meter (100) is the width of the isolation bar (402).
8. The dimension of the isolation bar (402) of claim 6 selected to isolate the vibratory meter (100) is a dimension of an aperture (806a) in the isolation bar (402).
- 30 9. The apparatus (400) of claim 1 wherein the isolation bar (402) is positioned to isolate the vibratory meter (100).

10. The apparatus (400) of claim 1 wherein the isolation bar (402) is adapted to isolate the one or more flow tubes (101, 102).
- 5 11. The apparatus (400) of claim 1 wherein the isolation bar (402) comprises a flat plate adapted to isolate the vibratory meter (100).
12. The apparatus (400) of claim 1 further comprising a second isolation bar (502) coupled to the two or more brace bars (203, 204).
- 10 13. A method for a vibratory meter (100) having one or more flow tubes (101, 102) adapted to vibrate, comprising:
- forming two or more brace bars (203, 204) adapted to couple to the one or more flow tubes (101, 102); and
- 15 forming and coupling an isolation bar (402) to the two or more brace bars (203, 204).
14. The method of claim 13 further comprising coupling the two or more brace bars (203, 204) to the one or more flow tubes (101, 102).
- 20 15. The method of claim 13 wherein the forming and coupling the isolation bar (402) to the one or more brace bars (203, 204) includes forming an aperture (806a) in the isolation bar (402).
- 25 16. The method of claim 13 wherein the forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes adapting the isolation bar (402) to isolate the vibratory meter (100).
- 30 17. The method of claim 16 wherein the adapting the isolation bar (402) includes selecting one or more parameters of the isolation bar (402) to isolate the vibratory meter (100).

18. The method of claim 17 wherein the selecting the one or more parameters of the isolation bar (402) includes selecting a dimension of the isolation bar (402) to isolate the vibratory meter (100).
- 5 19. The method of claim 18 wherein selecting the dimension of the isolation bar (402) to isolate the vibratory meter (100) comprises selecting a width of the isolation bar (402).
20. The method of claim 18 wherein the selecting the dimension of the isolation bar
10 (402) to isolate the vibratory meter (100) comprises selecting a dimension of an aperture (806a) in the isolation bar (402).
21. The method of claim 13 wherein the forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes positioning the isolation bar (402) to
15 isolate the vibratory meter (100).
22. The method of claim 13 wherein forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes isolating the one or more flow tubes (101, 102).
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23. The method of claim 13 wherein forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes isolating the vibratory meter (100).
24. The method of claim 13 further comprising forming and coupling a second
25 isolation bar (502) to the two or more brace bars (203, 204).
25. A vibratory meter (100) having one or more flow tubes (101, 102), comprising:
two or more brace bars (203, 204) coupled to the one or more flow tubes (101,
102); and
30 an isolation bar (402) coupled to the two or more brace bars (203, 204).

26. The vibratory meter (100) of claim 25 wherein the isolation bar (402) is adapted to isolate the vibratory meter (100).

What is claimed is:

1. A vibratory meter (100) having one or more flow tubes (101, 102) adapted to vibrate, comprising an apparatus (400) having:

two or more brace bars (203, 204) adapted to couple to the one or more flow tubes (101, 102); and

a isolation bar (402) coupled to the two or more brace bars (203, 204);

a first side isolation bar (602) attached to each of the two or more brace bars (203, 204); and

a second side isolation bar (604)) attached to each of the two or more brace bars (203, 204), wherein the first and second isolation bars (602, 604) comprise a trapezoidal profile.

2. The vibratory meter (100) of claim 1 wherein the two or more brace bars (203, 204) are coupled to the one or more flow tubes (101, 102).

3. The vibratory meter (100) of claim 1 wherein the isolation bar (402) is adapted to isolate the vibratory meter (100) from undesirable vibrations.

4. The vibratory meter (100) of claim 3 wherein the isolation bar (402) is adapted to isolate the vibratory meter (100) from undesirable vibrations by one or more parameters selected to isolate the vibratory meter (100).

5. The isolation bar (402) of claim 4 wherein the one or more parameters selected includes a dimension of the isolation bar (402) selected to isolate the vibratory meter (100).

6. The vibratory meter (100) of claim 1 wherein the isolation bar (402) is positioned to isolate the vibratory meter (100).

7. The vibratory meter (100) of claim 1 wherein the isolation bar (402) is adapted to isolate the one or more flow tubes (101, 102) from undesirable vibrations.

8. A method for a vibratory meter (100) having one or more flow tubes (101, 102) adapted to vibrate, comprising:

forming two or more brace bars (203, 204) adapted to couple to the one or more flow tubes (101, 102); and

5 forming and coupling two or more side isolation bars (602, 604) comprising a trapezoidal profile to the two or more brace bars (203, 204).

9. The method of claim 8 further comprising coupling the two or more brace bars (203, 204) to the one or more flow tubes (101, 102).

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10. The method of claim 8 wherein the forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes adapting the isolation bar (402) to isolate the vibratory meter (100).

15 11. The method of claim 10 wherein the adapting the isolation bar (402) includes selecting one or more parameters of the isolation bar (402) to isolate the vibratory meter (100).

12. The method of claim 11 wherein the selecting the one or more parameters of the
20 isolation bar (402) includes selecting a dimension of the isolation bar (402) to isolate the vibratory meter (100).

13. The method of claim 8 wherein the forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes positioning the isolation bar (402) to
25 isolate the vibratory meter (100).

14. The method of claim 8 wherein forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes isolating the one or more flow tubes (101, 102).

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15. The method of claim 8 wherein forming and coupling the isolation bar (402) to the two or more brace bars (203, 204) includes isolating the vibratory meter (100).