

ABSTRACT

5 A vibratory meter (5) including a multi-channel flow tube (130) is provided. The vibratory
meter (5) includes a meter electronics (20) and a meter assembly (10) communicatively
coupled to the meter electronics (20). The meter assembly (10) includes the multi-channel flow
tube (130, 330, 430, 530) comprising two or more fluid channels (132, 332, 432, 532)
surrounded by a tube wall (134, 334, 434, 534). The two or more fluid channels (132, 332, 432,
532) and tube wall (134, 334, 434, 534) comprise a single integral structure. A driver (180) is
coupled to the multi-channel flow tube (130, 330, 430, 530). The driver (180) is configured to
10 vibrate the multi-channel flow tube (130, 330, 430, 530). The two or more fluid channels (132,
332, 432, 532) and tube wall (134, 334, 434, 534) are configured to deform in the same
direction as the single integral structure in response to a drive signal applied to the driver (180).

[Figs. 2 & 5]