

Required accuracy standards for meters by public water utilities measuring water. All meters have to meet these standards, old and new.

**Table 5-3 Test requirements for new, rebuilt, and repaired cold-water meters*
Displacement Meters (ANSI/AWWA C700 and C710)**

Size	Maximum Rate (All Meters)				Intermediate Rate (All Meters)				Minimum Rate (New and Rebuilt)				Minimum (Repaired)
	Flow Rate†	Test Quantity††		Accuracy Limits	Flow Rate**	Test Quantity††		Accuracy Limits	Flow Rate	Test Quantity††		Accuracy Limits	Accuracy Limits
<i>in.</i>	<i>gpm</i>	<i>gal</i>	<i>ft³</i>	<i>percent</i>	<i>gpm</i>	<i>gal</i>	<i>ft³</i>	<i>percent</i>	<i>gpm</i>	<i>gal</i>	<i>ft³</i>	<i>percent</i>	<i>percent (min)</i>
1/2	8	100	10	98.5-101.5	2	10	1	98.5-101.5	1/4	10	1	95-101	90
1/2 x 3/4	8	100	10	98.5-101.5	2	10	1	98.5-101.5	1/4	10	1	95-101	90
5/8	15	100	10	98.5-101.5	2	10	1	98.5-101.5	1/4	10	1	95-101	90
5/8 x 3/4	15	100	10	98.5-101.5	2	10	1	98.5-101.5	1/4	10	1	95-101	90
3/4	25	100	10	98.5-101.5	3	10	1	98.5-101.5	1/2	10	1	95-101	90
1	40	100	10	98.5-101.5	4	10	1	98.5-101.5	3/4	10	1	95-101	90
1½	50	100	10	98.5-101.5	8	100	10	98.5-101.5	1½	100	10	95-101	90
2	100	100	10	98.5-101.5	15	100	10	98.5-101.5	2	100	10	95-101	90