

**Table 4-2  
Inline Meter Installation  
Cost Estimates**

Pipe Diameter	2"		3"		4"		6"		8"		10"		12"		Total Wells
Number of Wells	52		186		147		68		127		44		1		625
Meter type	ML-03(a)		ML-03		ML-03		LP-31(b)		LP-31		LP-31		LP-31		
Installation costs	unit	cost	unit	cost	unit	cost	unit	cost	unit	cost	unit	cost	unit	cost	Subtotals
Pre-installation inspection <sup>1</sup>	\$50	\$2,600	\$50	\$9,300	\$50	\$7,350	\$50	\$3,400	\$50	\$6,350	\$50	\$2,200	\$50	\$50	\$31,250
Meter <sup>2</sup>	\$700	\$36,400	\$750	\$139,500	\$800	\$117,600	\$500	\$34,000	\$535	\$67,945	\$545	\$23,980	\$580	\$580	\$420,005
Straightening Vane <sup>3</sup>	n/a	n/a	n/a	n/a	n/a	n/a	\$35	\$2,380	\$35	\$4,445	\$50	\$2,200	\$50	\$50	\$9,075
Installation <sup>4</sup>	\$200	\$10,400	\$200	\$37,200	\$200	\$29,400	\$275	\$18,700	\$300	\$38,100	\$300	\$13,200	\$300	\$300	\$147,300
Piping modifications <sup>5</sup>	<u>\$65</u>	<u>\$3,400</u>	<u>\$67</u>	<u>\$12,400</u>	<u>\$67</u>	<u>\$9,800</u>	<u>\$65</u>	<u>\$4,400</u>	<u>\$66</u>	<u>\$8,400</u>	<u>\$64</u>	<u>\$2,800</u>	<u>\$200</u>	<u>\$200</u>	<u>\$41,400</u>
Installation Subtotal	\$1,015	\$52,800	\$1,067	\$198,400	\$1,117	\$164,150	\$925	\$62,880	\$986	\$125,240	\$1,009	\$44,380	\$1,180	\$1,180	\$649,029
Installation Contingency (25%)	\$254	\$13,200	\$267	\$49,600	\$279	\$41,038	\$231	\$15,720	\$247	\$31,310	\$252	\$11,095	\$295	\$295	\$162,257
Totals <sup>6</sup>	\$1,269	\$66,000	\$1,333	\$248,000	\$1,396	\$205,188	\$1,156	\$78,600	\$1,233	\$156,550	\$1,261	\$55,475	\$1,475	\$1,475	\$811,287

(a) 150 psi flanged tube meter; sealed meter mechanism; magnetic drive; sealed totalizer

(b) 150 psi strap-on saddle meter; sealed meter mechanism; magnetic drive; sealed totalizer

1 Mobilization costs

2 Meter costs from Water Specialties Corp.

3 Necessary to reduce turbulence. Pre-installed within the flange-type (ML-03) meters.

4 Labor cost only

5 Includes materials and labor costs. Estimate assumes that 35% of installations will require piping modifications at an average cost of \$200 per well.

6 Does not include Watermaster administration costs.