

1. SCOPE

This inspection standard applies to the model AY6410 Integral / Remote type.

2. INSPECTION ITEMS

Flow calibration test

3. INSPECTION PROCEDURES, CONDITIONS, AND STANDARDS

Flow Calibration test

- The flow calibration test procedures are based on the reference (master meter) and weighing, or volumetric method. The signal processing, calculation and so on are executed with the computers owned by Adept.
- Method implies calibration with water as fluid.
- Perform zero adjustment before performing the flow calibration test.
- Take a set of three points flow rate.

Size (mm)	Calibration Span (m ³ /h)	Span setting during shipment (m ³ /h)
10	2	2
15	2	2
20	5	5
25	5	5
32	10	10
40	20	20
50	20	30
65	20	40
80	60	60
100	80	80
125	100	100
150	100	200
200	350	350
250	450	500
300	450	600
350	450	800
400	450	1000
450	450	1200
500	450	1500
600	2500	2500
700	4000	4000
750	6000	5000
800	8000	5000
900	8000	6000
1000	8000	8000
1100	8000	8000
1200	8000	10000
1300	8000	10000
1400	8000	10000
1500	8000	16000
1600	8000	18000
1700	8000	20000
1800	8000	22000

4. Criteria

Flow Calibration test

Within the accuracy.

Accuracy: ± 5 mm/s ($V < 0.8$ m/s)

$\pm 0.5\%$ of rate ± 1 mm/s (0.8 m/s $\leq V$)