



中华人民共和国国家计量检定规程

JJG 59—2022

Liquid-medium Piston Gauges

2022-09-26

2023-03-26

国家市场监督管理总局

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[illegible]

[illegible][illegible]

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$p \quad p \quad p_n \quad n \quad n$

$A_p \quad A$

$A_i = A \quad m_i - \frac{\rho}{\rho^i} + \alpha + \alpha$

$$\alpha \quad \alpha$$

$$\alpha \quad \alpha$$

$$t \quad t$$

$$t$$

$$t \quad t$$

$$p_i \quad i$$

$$p$$

$$p$$

$$\rho$$

$$A_i = A \times \frac{m_i}{m_i}$$

$$A = \frac{1}{n} \sum_{i=1}^n A_{i+} + A_{i-}$$

$$A_i \quad A_i \quad i$$

$$S_A = \frac{\sum_{i=1}^n A_{i+} - A + A_{i-} - A}{n - 1}$$

$$S_A \quad A$$

$$A_p = A + \lambda p$$

$$A_{i-pi+p} = A \frac{\frac{m_i - \rho}{\rho^i} + \alpha + \alpha \quad t - t + \lambda \quad p_i + p}{m_i - \frac{\rho}{\rho^i} + \alpha + \alpha \quad t - t} + \frac{p}{p} \alpha + \alpha \quad t - t - \alpha + \alpha \quad t - t$$

$$A_{i-pi+p} = A \times \frac{m_i + \lambda \quad p_i + p}{m_i}$$

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[illegible]

$$m = \frac{\rho}{\rho} m$$

$$A_p$$

$$A = \frac{|A - A'|}{A'} \times$$

A
A
A

$$A_p = \frac{|A_p - A'_p|}{A'_p} \times$$

$$\begin{array}{c} A_p \\ A_p \\ A'_p \end{array}$$

A

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$$A_{i-p_i+p} \quad p_i + p$$

$$y = a + bx$$

$$x_{i\pm} = p_i + p$$

$$y_{i\pm} = A_{i\pm-p_i+p}$$

$$y_{i-} \quad i \quad n \quad n \quad x_{i+} \quad y_{i+} \quad x_{i-}$$

$$a \quad b$$

$$a = \frac{\sum_{i=1}^n y_{i+} + y_{i-} \quad \sum_{i=1}^n x_{i+} + x_{i-} - \sum_{i=1}^n x_{i+}y_{i+} + x_{i-}y_{i-} \quad \sum_{i=1}^n x_{i+} + x_{i-}}{\sum_{i=1}^n x_{i+} + x_{i-} - \sum_{i=1}^n x_{i+} + x_{i-}}$$

$$b = \frac{\sum_{i=1}^n x_{i+}y_{i+} + x_{i-}y_{i-} - \sum_{i=1}^n x_{i+} + x_{i-} \quad \sum_{i=1}^n y_{i+} + y_{i-}}{\sum_{i=1}^n x_{i+} + x_{i-} - \sum_{i=1}^n x_{i+} + x_{i-}}$$

$$s \quad a \quad = s$$

$$\sum_{i=1}^n x_{i+} + x_{i-} - \sum_{i=1}^n x_{i+} + x_{i-}$$

+

$$s_A = s_a$$

$$s_\lambda = s \frac{b}{a} \quad \frac{s b}{a}$$

B

$$m \quad m$$

$$H$$

$$A_p \quad A$$

$$A_i = A \frac{j m_j - \frac{\rho}{\rho_i} + \frac{\gamma C}{g}{}_i + \alpha + \alpha \quad t - t}{j m_j - \frac{\rho}{\rho_j} + \rho \quad p_i - \rho \quad AH + \frac{\gamma C}{g}{}_i + \alpha + \alpha \quad t - t}$$

$$\begin{matrix} A_i & i \\ A & \\ m_j \quad m_j & j \end{matrix}$$

$$\begin{matrix} \rho_j \quad \rho_j & m_j \quad m_j \\ \alpha_p \quad \alpha_c & \\ \alpha \quad \alpha & \\ t \quad t & \\ t & \\ p_i & i \\ \rho \quad p_i & \end{matrix}$$

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$$A_{i, \quad} = A_{\quad} \cdot \frac{{}_j m_{j \quad i} \cdot \quad + \alpha \left(t \quad - t \quad \right)}{{}_j m_{\quad, j} + \rho \quad p_i \quad - \rho \quad AH_{\quad i} \cdot \quad + \alpha \left(t \quad - t \quad \right)} \quad (\quad)$$

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$$A_{i \cdot p_i} = A_{i \cdot} + \lambda p_i$$

:
$$A_{i \cdot} = A_{i \cdot} - \lambda p_i, \quad A_{i \cdot, p_i} = p_i, \quad A_{i \cdot, p_i} = p_i, \quad A_{i \cdot, p_i} = p_i$$

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[illegible]

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$$g_h = \frac{x - x}{+\frac{h}{R}}$$

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