

ICS 17.100
CCS N11



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 30432-2026

Replacing GB/T 30432-2013

Liquid-operated piston pressure gauge

液体活塞式压力计

(English Translation)

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Foreword

GB/T 30432-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

This edition replaces GB/T 30432-2013.

It is under the responsibility of the China Machinery Industry Federation.

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1 Scope

This standard applies to the liquid-operated piston pressure gauge, a precision instrument used as a reference for pressure measurement and calibration. According to the supplied text, it covers basic parameters, requirements, inspection methods, inspection rules, and packaging and storage, supported by annexes on inspection sequence, instruments and the calculation of the effective area of the piston. The requirement and inspection sections follow the same set of topics, covering items such as error, piston behavior, sensitivity, tightness, the dedicated weights, marking and transport environment performance.

Calibration laboratories, metrology institutes, instrument manufacturers and quality inspectors form the main audience. The document is a recommended national standard, issued on 28 September 2026 and effective from 1 April 2027, and it replaces GB/T 30432-2013. Laboratories accredited to calibrate pressure equipment, and buyers of reference gauges from Chinese suppliers, may use it to understand what is expected from factory and type inspection.