

ICS 17.180
CCS N05

JB

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

JB/T 15544-2026

**Microfabrication (MEMS) of infrared blackbody radiation
sources**

微加工（MEMS）红外黑体辐射源
(English Translation)

Issued on: February 13, 2026

Implemented on: September 1, 2026

Issued by: Ministry of Industry and Information Technology

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Foreword

JB/T 15544-2026 is a recommended industry standard of the People's Republic of China in the Machinery sector, approved and issued by the Ministry of Industry and Information Technology on 13 February 2026, with effect from 1 September 2026.

It is administered by the Machinery Industry Technical Committee for Instrument and Meter Components Standardization (CMIF/TC 17).

Classification: ICS 17.180; CCS N05.

1 Scope

JB/T 15544-2026 concerns infrared blackbody radiation sources made by microfabrication (MEMS) technology. A blackbody source is a reference emitter of infrared radiation, used to calibrate and test infrared sensors and instruments, and the MEMS version is produced with micro-scale manufacturing processes. The standard treats it as an instrument component product.

Makers of MEMS devices and infrared instruments, calibration and test laboratories, and buyers of such sources are its users. It is a voluntary standard, as the /T in the code shows. It was approved by the Ministry of Industry and Information Technology, issued on 13 February 2026 and takes effect on 1 September 2026. It is a new standard.