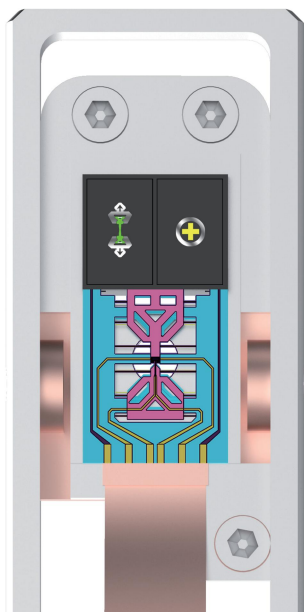


In-situ Atomic-scale Straining-Biasing Coupling System



Double-tilt

- α tilting up to $\pm 20^\circ$ *
- β tilting up to $\pm 10^\circ$ *

Stable atomic-scale imaging

- Spatial resolution $\leq 0.1 \text{ nm}^*$

Outstanding electrical application and measurement

- Versatile biasing procedures
- pA-level measurement

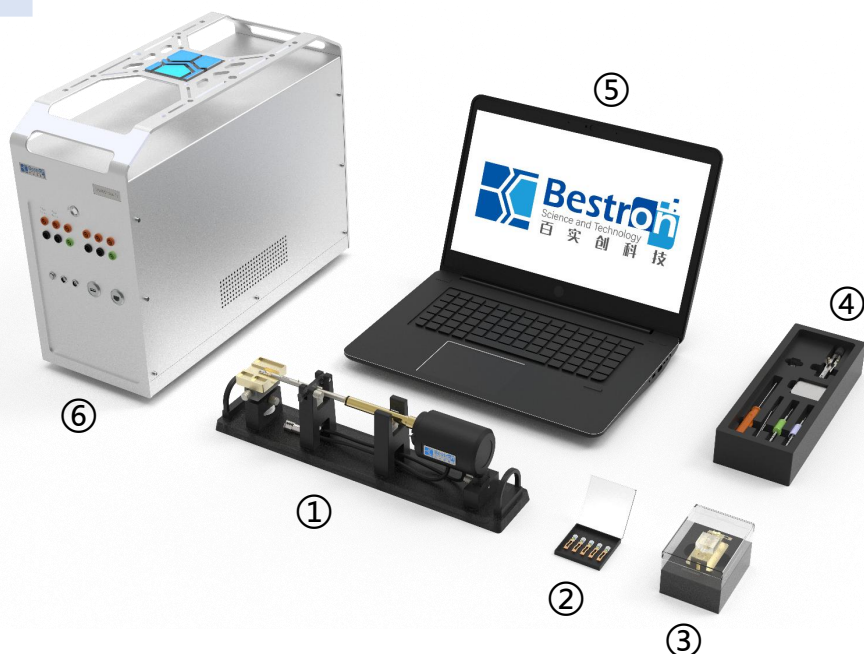
Multiple mechanical loading conditions

- Tension/Compression, etc.
- Auto, manual, cyclic loading
- pm-level driving control

INSTEMS - ME Straining & Biasing

COMPONENTS

- ① Double-tilt holder
- ② Mini Labs
- ③ Mini Lab Transfer box
- ④ Tool kit
- ⑤ PC, Software
- ⑥ Control Unit



Note: The specifications listed in * depend on the TEM and the type of Mini lab.

SPECIFICATIONS

Straining	Actuation accuracy	< 500 pm
	Max force	> 2 mN
	Max displacement	2 μ m
Biasing	Max output voltage	± 50 V *
	Current range	0 – 60 mA *
Double-tilt	Alpha (α) tilt	$\pm 20^\circ$ *
	Beta (β) tilt	$\pm 10^\circ$ *
	Accuracy	< 0.1°
Imaging	Spatial resolution	≤ 0.1 nm *

ABOUT US

百实创 (北京)科技有限公司

Bestron (Beijing) Science and Technology Co., LTD.

Address: Beijing University of Technology Science park,
Building 29, Yard 1, Jinghai Fifth Road, Tongzhou District,
Beijing, China

Tel:00-86-010-67866979

E-mail: info@bestronst.com

<http://www.bestronst.com>



Wechat



Bestron St



Bestron St