Axial Load Tester for Resistance to Separation
(ISO80369-20 Annex F Standard)

Detail Information:

Place Of Origin	China	Brand Name	Kingpo
Certification	ISO 17025 Calibration Certificate	Model Number	ISO 80369-20
Standard	ISO80369-20 Annex F	Measuring Range	0-500N
Resolution	0.01N	Force Accuracy	$<\pm1\%$
Speed	10N/s	Time	0-9999s

Product Description:

Our Axial Load Tester is designed to evaluate the resistance to separation of medical device connectors, fully compliant with the ISO80369-20 Annex F standard. This equipment ensures that products meet industry requirements for resistance to separation under axial load. It is suitable for mechanical performance testing of medical devices, infusion sets, catheter connectors, and more, guaranteeing compliance with ISO80369-20 Annex F.

Key Features:

- High-Precision Measurement: Measuring range 0-500N, resolution 0.01N, ensuring accurate resistance to separation testing
- High Force Accuracy: Force accuracy $<\pm1\%$, meeting ISO80369-20 Annex F standards
- Long-Term Stability: Test duration range 0-9999s, suitable for extended resistance to

separation testing

- International Standard Compliance: Strictly follows ISO80369-20 Annex F, ensuring authoritative test results

FAQ

- Which standards does this axial load tester comply with?

A: This equipment strictly complies with ISO80369-20 Annex F, making it suitable for resistance to separation testing of medical device connectors.

- What is the measurement accuracy of the axial load tester?

A: The device offers high-precision measurement with a resolution of 0.01N and force accuracy $<\pm 1\%$, ensuring reliable test data.

- Is the test speed adjustable?

A: Yes, the test speed is adjustable, with a standard speed of 10N/s, accommodating various testing requirements.

- Which products can be tested with this equipment?

A: It is suitable for resistance to separation testing of medical device connectors, infusion sets, and catheter connectors, ensuring compliance with ISO80369-20 Annex F.

- What is the maximum test duration supported?

A: The test duration ranges from 0-9999s, supporting long-term stability testing.