

I009-K

Yarn Plying & Twisting Tester



Prepare twisted samples from two or more yarns or continuous filament bundles, with a selectable twist direction and target number of turns.

1 - 99,999

Target twist (turns)

- **S and Z twisting**

Select the direction and target turns on the touchscreen. Set the upper holder against the ruler to position the sample.

- **Automatic target stop**

The direct-drive stepper motor slows automatically as the target approaches and stops at the target turn count.

- **Control during operation**

Adjust speed while running, pause and resume from the retained count. Manual jog provides controlled chuck rotation.

- **Vertical, space-saving design**

The upright body saves laboratory bench space. The adjustable upper holder accommodates different sample lengths.

TECHNICAL SPECIFICATIONS

Target twist / counter	1 - 99,999 turns / 0.1-turn counter resolution
Operating speed	Up to 1450 rpm; factory limits 10 - 1000 rpm
Manual rotation (jog)	Adjustable; factory setting 60 rpm
Drive	Direct-drive stepper motor; 1 motor revolution = 1 twist
Control	PLC + 4.3-inch colour touchscreen
Interface languages	English, Italian, Turkish, French, Russian
End-of-cycle signal	Audible signal with adjustable duration
Power supply	100 - 240 V AC, 50/60 Hz