

HYDRAULIC FLUID FRICTION APPARATUS CEA-F03

The CEA-F03 hydraulic fluid friction apparatus is suitable for various educational institutions with majors such as Chemistry, Chemical Engineering, and Light Industry. It is designed for classroom demonstration experiments and laboratory experiments in courses like Fundamentals of Chemical Engineering and Principles of Chemical Engineering



FEATURES

- It features a compact, all-in-one box design that is both lightweight and space-saving for the lab.
- The unit integrates multiple test sections like smooth pipe, rough pipe, and various fittings into a single apparatus.
- It allows for clear visual observation of both frictional and local fluid resistance phenomena.
- The apparatus provides stable and accurate data for calculating key engineering coefficients.
- Its operation is straightforward and user-friendly, suitable for classroom and lab use.
- A built-in closed-loop water circulation system makes operation efficient and conserves water.
- It is a versatile teaching tool for core chemical engineering and fluid mechanics courses.
- The setup is durably constructed for reliable performance in an educational environment.



TECHNICAL SPECIFICATIONS

Overall Dimensions	1410× 250× 950mm (W*D*H)
Test Pipe Inner Diameter	Ø16mm
Test Pipe Test Section Length	600mm
Flow Rate Range	0.1 — 1.0 m ³ /h
Pressure Drop Range	-50~100 C
Power Supply	Single-phase, 220V, 50Hz, 1kW



SINCE 2006

ZHUZHOU TIANPENG INSTRUMENT MANUFACTURING CO., LTD.
Website: www.testmould.com Tel: +86-312-3852880