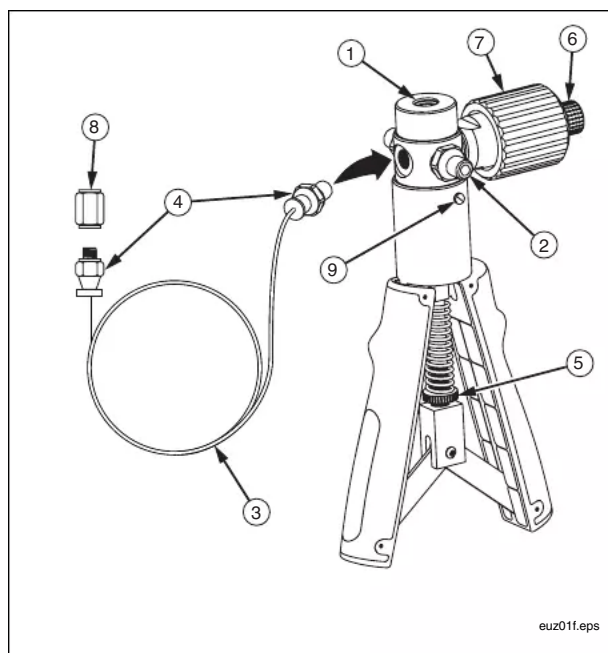


Features



No.	Item	Function
①	Master instrument port	Port for Fluke 700 Series Pressure Module
②	Pressure / vacuum button	Push in from this side for vacuum, and from the other side for pressure. Use a small screwdriver.
③	Test pressure port hose	Flexible hose to pressure instrument under test
④	Quick Connects	1/8 in NPT male
⑤	Maximum stroke limiter	To limit the pressure from the hand pump, tighten these nuts to shorten the compression stroke.
⑥	Pressure release valve	Unscrew to vent pressure from the pump. Tighten the valve to close the valve before applying pressure.
⑦	Fine adjustment knob	To precisely adjust the applied pressure
⑧	Adapter 1/8 in NPT female to 1/4 in BSP female	
⑨	(2) Clean out ports	See "Pump Valve Assembly Cleaning Instructions"

Figure 1. Features

Using the Pump

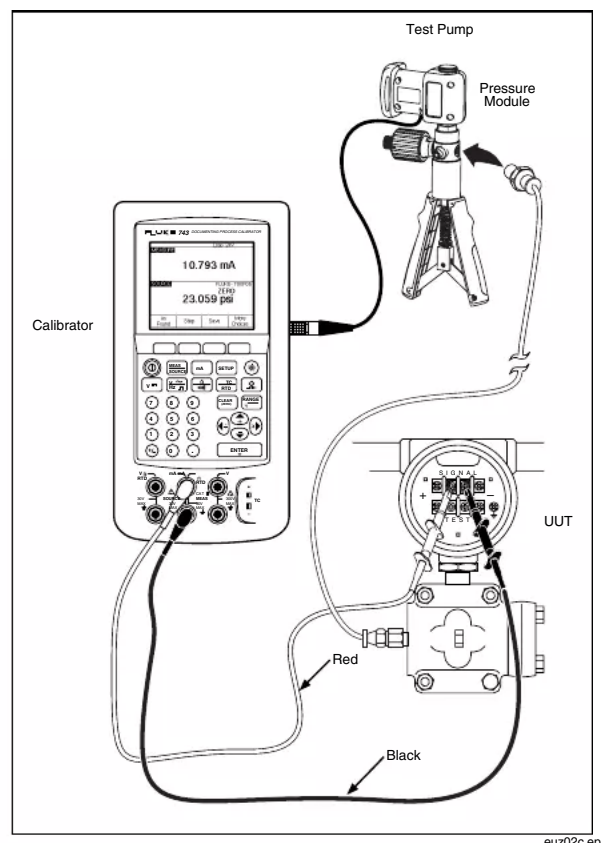


Figure 2. Using the Pump

⚠ Warning

To avoid a violent release of pressure, always depressurize the system slowly using the pressure release valve (item ⑥) before detaching any pressure line from the pump. Do not connect the pump to an external pressure source.

1. Attach a 700 Series Pressure Module (hereafter called "pressure module") to the master instrument port. Use Teflon tape or other sealing medium on all NPT thread connections to eliminate leakage.
2. Connect the test pressure port hose (item ③) to the pressure input of the pressure instrument under test.
3. Make sure the pressure/vacuum button (item ②) is in the desired position.
4. Unscrew the pressure release valve (item ⑥) to vent pressure from the pump.
5. Zero the pressure module. The zeroing procedure depends on which pressure module and calibrator is in use.
6. Turn the fine adjustment knob (item ⑦) to mid-range.
7. Tighten the pressure release valve (item ⑥). Do not over tighten.
8. To limit the maximum pressure that can be developed by the pump, tighten the maximum-stroke limiting adjustment nuts (item ⑤). This also reduces the amount of pressure increase per stroke.
9. To apply very low pressures, use the fine adjustment knob only (item ⑦).
10. Squeeze the handles together to apply incrementally higher pressure. For pressure over 7 bar (100 psi), use two hands.
11. Adjust the pressure using the fine adjustment knob (item ⑦).

