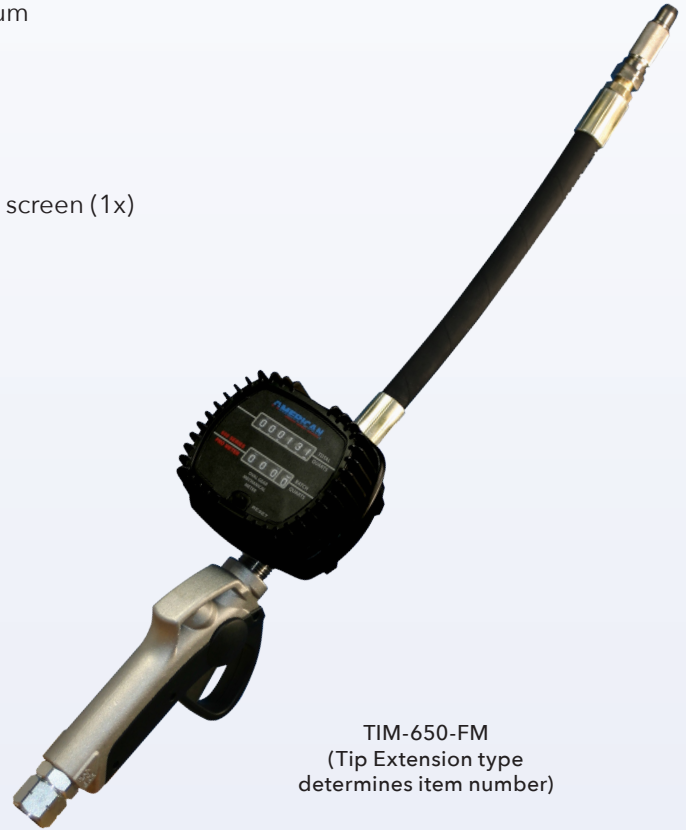


Data Sheet, TIM-650 Series Mechanical Pro Series (Trigger Guard/Lock Style) Control Valves

- **WORKING PRESSURE:**
 - 0 PSI (manual tip) or 35 PSI (automatic tip) minimum
 - 1,000 PSI maximum
- **SHIPPING:**
 - One box
 - *Weight:* 4 pounds
 - *Dimensions:* 5" x 5" x 21"
 - *Included:* Manual (1x), parts breakdown (1x), filter screen (1x)
- **COMPATIBILITY:**
 - Automatic Transmission Fluid
 - Gear Oil
 - Hydraulic Oil
 - Motor Oil
 - Synthetic Oil
- **ACCURACY:**
 - ± 1%
- **WORKING FLOW RATE:**
 - 2.5 GPM (standard tips)
 - 4 GPM (high flow tips)
- **THREADS:**
 - *Swivel:* 1/2"-14 NPT (F). NOTE: Sealant required
 - *Meter:* 1/2"-14 NPT (F x F). NOTE: Sealant required. Do not over torque
- **WARRANTY (*Defects in material and workmanship, non-wear parts*):**
 - Three years from date of purchase
- **ACCESSORIES:**
 - PR-100 or PR-750 pressure relief kit (thermal expansion protection)
 - Various tip extensions (interchangeable). See Tip Extensions below
 - Swivel guards (rubber; various colors available)
- **INSTALLATION RECOMMENDATIONS:**
 - *Plumbing:* 1/2" diameter. Keep plumbing, etc. away from heat sources
 - *Sealant:* Teflon tape topped with petroleum compatible pipe dope (e.g., Gasoila)



TIM-650-FM
(Tip Extension type determines item number)

Tip Extensions



TIM-743



TIM-753



TIM-747



TIM-746



TIM-752



TIM-743-1