

## POWER-ASSISTED SOIL SAMPLE EXTRUDER



The Rainhart Power-Assisted Soil Sample Extruder makes soil sample extrusion of any sample size simple, fast, and safe; all while maintaining the integrity of the soil sample. The Sample Extruder is the most user-friendly and versatile extruder in the industry.

Designed with the user in mind, the Rainhart Soil Sample Extruder focuses on ease-of-use and safety. The steel enclosure houses all pumps, hoses, electrical components, and reduces noise. The Powered Sample Extruder controls both the upward and downward movement of the specimen, eliminating technician fatigue caused by hand pumping. For additional safety, the Rainhart 2-Push Button operation control ensures both of the user's hands are always clear of moving parts while the extruder is in motion. This versatile device can increase production rates with quick extrusion and reduce change-over times. Various mold diameters and heights can be quickly interchanged with reducers, simple load frame repositioning, and adjustable index pins capable of accurate and repeatable centering.

### FEATURES & BENEFITS:

- Meets **AASHTO T99 & T180, ASTM D1557, D698**  
**TxDOT 113E, 114E & 117E**
- Adjustable loading frame for various mold heights (up to 12")
- Push button operation – No hand pumping required
- Rapid sample extrusion
- Quiet operation
- Small footprint
- Durable 1" Thick steel piston face
- Easy to load and unload
- Powered piston moves up and down – No waiting for gravity
- Quick mold changes between different diameters and heights

### SPECIFICATIONS

Capacity	12000 LBF extruding capacity
Hydraulic Pump	½ HP with 2500PSI
Weight	141 lbs.
Dimensions	Approx. 12.5"W x 10.5"D x 36"H
Motor	115VAC / 60Hz Approx. 7.5amps 220vac / 50 Hz, Approx. 4amps OPTIONAL 220 – Includes external pump and hose assembly