Supply, Metering and Dispense System for Five Gallon (20 Liter) Pails

1:1 NXT Extruder

Plural component extruder for low-to-medium viscosity paste materials

The EnDiSys 1:1 NXT Extruder Delivers...

- MaxLife® - Coating and seals triple pump life over standard offering.
- Rugged Reliability - the EnDiSys 1:1 NXT Extruder is built tough for the rigors of contractor and industrial applications.
- Ratio Accuracy - the EnDiSys 1:1 NXT Extruder mixes your material precisely so you conform to material manufacturer specs and eliminates the risk of off-ratio material.
- SmartWare Compatible - Optional feature provides an accurate, economical way to dose material without flow meters or gear meters in the fluid stream.
- Return on investment - the EnDiSys 1:1 NXT Extruder pays for itself in material cost savings by using bulk containers instead of cartridges.
- Production Efficiency - this unit mixes material as you need it, minimizing material waste and disposal hassles associated with solvent flushing.
- Precise Material Handling - Eliminate nasty manual mixing and the risks of inadequate working time with quick-curing materials.
- Repeatability - the 1:1 dispense applicator enables you to accurately load each anchoring hole as needed to anchor your dowel bars securely and consistently.

The EnDiSys NXT 1:1 Extruder is a fully contained proportioning and dispense system for two component materials used in concrete joint sealing, dowel bar anchoring and general product assembly. This heavy duty extruder is expressly built to handle two component sealant and adhesives within a wide viscosity range at a mix ratio of 1:1.

The EnDiSys NXT 1:1 Extruder uses various manifolds with disposable static mixers to deliver mixed material on demand, allowing the user to use either slow or fast curing material with minimal waste. Its unique pump design ensures constant flow of material at the point of dispense.
Technical Specifications

Mix ratio by volume ........................................... 1:1 (Fixed)
Air motor.......................................................... NXT 2200
Air motor diameter ......................................... 6.0 in (15.24 cm)
Air inlet size ................................................... 3/4 npt(f)
Air inlet pressure .............................................. 100 psi max (0.7 MPa, 7.0 bar)
Max. air consumption ...................................... 80 cfm
Pump lowers (2) ................................................. Check-Mate 100
Fluid power ratio .............................................. 20:1
Max. fluid pressure* ............................. 2000 (13.8 MPa, 138 bar)
Follower plates (2) ............................................. 5 gallon wiper
Fluid outlets [A+B] ............................................ 3/4 npt(m)
Wetted parts
  Carbon steel models ........................................
  stainless steel, ductile iron, zinc and nickel-plated, Teflon and UHMWPE (Ultra High Molecular Weight Polyethylene)
  Stainless steel models ....................................
  stainless steel, Teflon, polyethylene, Teflon-coated rubber
Ram elevator .................................................. dual 3 in. post
Pail holders (2) ................................................. 2 in. pneumatic lift

Ordering Information

Proportioner Modules
  Includes fluid gauges.
Severe Duty Pumps
  2005959 Carbon Steel Model
  2005960 Stainless Steel Model
Maxlife Pumps
  2006020 Carbon Steel Model
  2006021 Stainless Steel Model

Accessories

947-089 Hose
  1/2 in. x 25 ft. polyolefin core, Moisture-Lok hose, 1/2 npt(m) both ends (two required).
240-796 Hose
  3/8 in. x 25 ft. nylon core host
  3/8 npt(m) both ends (two required)
255-179 MD2 Valve, Automatic, 1:1 Soft Seat, Adjustable Snuff Back
255-442 MD2 Valve, Manual, 1:1 Hard Seat, Air Actuated Gun, Trigger
LC0004 MD2 Valve, Manual, for use with SmartWare Shot Dispense Kit, 1:1 Soft Seat, Electrically Actuated
  Gun, Trigger
255-443 MD2 Valve, Manual, for use with SmartWare Shot Dispense Kit, 1:1 Hard Seat, Electrically Actuated
  Gun, Trigger
C08045 Plural Component Mix Manifold Wand Kit
2005956 Cartridge Fill Dispense Kit with Smartware
  Includes (2)Valves, (2)Hoses, and Stand
2005961 Smartware Kit
  Includes 4-way Solenoid Valve
262-530 Foot Switch
255-469 Drum Low/Empty Sensor
255-467 Light Tower

Additional Reference Data

312-185 MD2 Dispense Valve Manual
3A0-294 SmartWare Manual