

TITAN[®]

HELIX VR 2.3
Variable Ratio Plural Component System



INNOVATIVE PERFORMANCE MADE SIMPLE

INTRODUCING THE FUTURE OF ELECTRIC VARIABLE RATIO PROPORTIONERS

The Helix VR 2.3 provides unmatched accuracy and heating efficiency. The key features provide balanced pressure, less wasted material and direct heat from the system all the way to the gun. With a user-friendly design – allowing for simple operation and inexpensive maintenance – the VR 2.3 offers better results and increased ROI.

Smart Select Variable Ratio Controller

- ▶ Dual Pump System allows for dynamic rationing from 1:1 to 1:4 and any ratio in between
- ▶ Ratio is controlled by non-dosing technology.
- ▶ Superior control can set hard to achieve component ratios to a fraction of whole.

First Electronically Controlled Dual System Proportioner

- ▶ Continual communication between pumps
- ▶ Synchronizes ratio 64 times per motor revolution

30% Lighter Than Most Comparable Equipment

Standard with 3 Phase 70 Amp



MULTIPLE APPLICATIONS

The Helix VR 2.3 is designed to spray two component polyurea, polyaspartics, and epoxies for:

- ▶ **INFRASTRUCTURE**
- ▶ **INDUSTRIAL**
- ▶ **MARINE**

TITAN HAS JUST TAKEN DUAL COMPONENT APPLICATORS TO THE NEXT LEVEL.

Delivering performance, durability and accuracy never before seen in a Variable Ratio Proportioner.

Features and Benefits

Integrated Electronic Proportioning

Proprietary system synchronizes both pumps to maintain a superior ratio accuracy.

SureFire™ Hose Heater

Heats the coating all the way from the block heater to the end of the hose. Additionally, the temperature can be adjusted at the gun where it matters most.

SureFire™ Block Heater

Maximizes surface area and dwell time for heater efficiency and maximizes the time in the heater. More time and surface area means more efficient heating.

Universal Siphon/Draw

Modular design allows for transfer pump or direct feed.

Universal Power Adapter

Plug into shore power, generator or hardwire into a system.

Lightweight and Compact Design

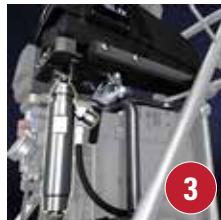
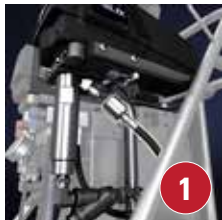
30% lighter than most comparable equipment.

Quad+ Packings™

- Self-adjusting packings deliver the best performance every time you spray
- Packings isolate the piston from the atmosphere increasing life.

EasyOut™ Fluid Section

Change fluid section on-site in minutes and reduces downtime to keep you spraying.





Helix VR 2.3

| SPECIFICATIONS | |
|---------------------|--|
| Max. Pressure | 3300 psi (2.3 GPM) |
| Max. Material Temp. | 180°F (82°C) |
| Output | 2.3 GPM |
| Hose Length | Standard with 200' (60 m) |
| Footprint | 30" x 27" x 37" (76.2 cm x 69 cm x 93 cm) |
| Weight | 285 lbs (123 kg) |
| Electrical Supply | 230 V (3) Phase 70 Amps for the standard 3 stack 7,500 Watt Heater |
| Part Number | 0138013 |

SUREFIRE™ HEATING SYSTEM

An extremely efficient heating system designed to save you time and money

The Helix VR 2.3's advanced heating system provides direct heat starting the instant material enters the block heater and continuing all the way to the gun.



SureFire™
Block Heater

**Patented High
Efficiency Aluminum
Mass Heater**

**Wrap around design provides
over 30 seconds of dwell time**

- Greater surface area to heat chemical
- Longer dwell time versus competitive one pass design
- Internal turbulence increases heat transfer

Heating rod completely isolated from the coating

- No failure from chemical contact
- No failure from exposure to air when run dry
- Change power or repair without opening the system
- Modular 4 block design
- Heat with less power
- Requires a smaller generator than competitors



SureFire™ Hose Heater

- Actively controls temperature at the gun
- Heating element in the hose provides direct heat:
Adds heat all the way to the end of the hose
- True chemical temperature measured at the gun

ADDITIONAL ACCESSORIES



Transfer Pumps

- ▶ 1:1 and 2:1
- ▶ 55 gallon
- ▶ Bung mount
- ▶ Built to fit a 6' 7" trailer

1:1 Stainless Steel 0138762

2:1 Stainless Steel 0138760

PMC AP2 Spray Gun 0138799

- ▶ Proven reliability
- ▶ Spray, blast and pour nozzles available
- ▶ 1-4 GPM and 10-40 lbs.
- ▶ Lightweight and compact
- ▶ Modular design for ease of maintenance



THE INDUSTRY'S STRONGEST WARRANTY

Our Helix VR 2.3 is the industry's most advanced Spray Coatings Proportioner, so it is only fitting that the warranty be just as impressive. We stand behind our product a year longer than anybody else in the industry. To top it off, we guarantee our Titan motors for up to 4 years. So, if you are not only seeking a machine that will get the job done efficiently but also a team of support, Titan Helix is the choice for you.

TWO-YEAR DEFECTS WARRANTY

We warrant that our system is free from defects in materials and workmanship for two years. Does not apply in the case of damage caused by abrasion, corrosion, misuse, negligence, accident, faulty installation, substitution of non-Titan component parts or tampering with the unit in a manner to impair normal operation. Excludes normal wear items and consumables such as, filters, pistons, packing's, tips, etc.

FOUR-YEAR MOTOR WARRANTY

We warrant that our motor is free from defects in materials and workmanship for four years. If the motor fails for any reason (including wear) in the first 4 years of ownership; we will replace the motor at no cost to you.



CONNECTOR APP

Available for download
theconnectorapp.com

Call Technical Services at
1-844-458-1215
for complete warranty information.

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