TECHNICAL DATA SHEET

VORTEX

Viper®

Compact Steerable Jet-Powered Inspection System with Motorized Drum

CAMERA



- Full HD live camera 1080 x 1920 with digital zoom
- 160° wide-angle lens with 0.16″ | 4mm sapphire glass
- Dimmable power-LED's for pipes up to 24″ | DN 600mm
- Tilt & Rotation Indicator
- Locator Sonde 512 Hz / 640 Hz
- Integrated forward jetting nozzle with interchangeable nozzle
- Depth rating 330 ft. | 100 m with internal pressure monitoring
- Stainless steel body with impact protection
- Detachable from the Flex Segment thanks to the modular design
- Diameter: 1.6″ | 40mm
- Length 1.6″ | 40mm
- Spacer for pipes larger 4″ | DN 100



CONTROL UNIT



- Rugged, waterproof aluminum housing
- Swivel mount bracket with quick-change system
- Interchangeable Li-Ion battery with 3 hours battery life
- 12 V/24V DC (vehicle)
  110 V-240 V AC (shoreline)
- High-resolution 10″, anti-glare, scratch-resistant display
- High-definition video and photo recording, 512 GB USB storage
- Memory-integrated text overlay for configurable pages, words and status lines
- Data overlay for cleaning pressure, camera internal pressure, distance counter, rotation angle, tilt, battery status, time, date
- Rugged, waterproof keyboard
- Large buttons for video and photo recording, zoom, microphone, locator sonde, LED control, etc.
- Headset connection for voice recording
- Optional: analog Video-output

HOSE TROLLEY (VIPER COMPACT & VIPER LONG RANGE)

- Rugged, ergonomic aluminum frame, powder coated
- Telescoping handle with integrated swivel mount for control unit
- Stepless reel brake, ball valve, tool compartment
- Anti flat wheels and load assist slide rail
- 1/2″ jetter connection
- Umbrella with quick-coupling for easy mounting on the hose trolley
- Optional: Electric drum drive integrated in the hose trolley for convenient hose winding

Distributed By

MAXLINER®

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VORTEX







HYBRIDHOSE

- Thermoplastic HP jetter hose 3/8" | DN 10
- Integrated camera cable
- Rated 4300 psi | 300 bar
- Minimal pressure loss, abrasion resistant, floatable and low friction
- Same quick connects on each side
- Reversible for even wear

FLEX SEGMENT

- Easy to steer into branches by simply turning the hose
- Steering nozzle with replaceable ceramic nozzle inserts
- Integrated valve to switch the forward jetting nozzle
- Rugged, highly flexible protective hose
- 6 pcs. cleaning and forward thrust nozzles, 30° angle
- Wear-resistant stainless steel components
- Quick-connect connections
- Optional: Flex Segment with rotating nozzle and three interchangeable nozzle bodies in a rugged case

VIPER LIGHT

- With 100 ft. | 30m hybrid hose ⅜"
- w x d x h: 26 x 9.5 x 29 inch | 66 x 24 x 73 cm
- Weight: 64 lbs. | 29 kg including 100 ft. | 30m hybridhose ⅜"

VIPER COMPACT

- With 200 ft. | 60m hybrid hose ⅜"
- w x d x h: 23 x 20 x 28 inch | 58 x 52 x 70 cm (handle retracted)
- w x d x h: 23 x 20 x 43 inch | 58 x 52 x 110 cm (handle extended)
- Weight: 119 lbs. | 53 kg including 200 ft. | 60m hybridhose ⅜"

VIPER LONG RANGE

- With 265 ft. | 80 m hybrid hose ⅜"
- w x d x h: 23 x 25 x 28 inch | 58 x 64 x 70 cm (handle retracted)
- w x d x h: 23 x 25 x 43 inch | 58 x 64 x 110 cm (handle extended)
- Weight 139 lbs. | 63 kg including 265 ft. | 80m hybridhose ⅜"

ACCESSORIES



Hose Connector (to connect two hybridhoses)



Spare Battery



Charging Bay



12/24VDC Power Adapter for Car and Truck