



P330 flexiprobe® series  
portable inspection systems

pearpoint  
push camera innovation



# innovative systems global solutions

Pearpoint, world leader in video pipeline inspection technology, is pleased to offer a truly innovative series of portable inspection systems for residential, small commercial and basic municipal applications.

The **P330 flexiprobe® series** is designed to meet an amazing array of applications, budgets and inspection requirements.

## Expand & Grow

These robust, easy-to-use units are available in multiple feature-loaded basic configurations with numerous options, enabling the user to create a system ideally suited to their unique needs.

### ***P330 flexiprobe® series key features:***

- Digital video for high definition image display, recording and playback
- High capacity image storage on convenient CompactFlash cards
- Simple transfer of video images to PC for inclusion in customer reports
- Ruggedised control head with 6.4" VGA anti-glare TFT LCD screen
- Tough stainless steel body cameras with double layer sapphire lens covers
- Interchangeable camera options with bright white LED lighting
- Range of rods and reels—from 100' to 500' (30m to 150m)
- Full compatibility of all cameras, reels and accessories across the range
- Fully locatable with range of sonde options
- Variety of skids and springs for maneuverability in pipe
- Audio input for voice over annotation
- Keyboard option for easier titling of customer survey video and images
- Rod counter with calibration feature
- Operates from DC vehicle supply or AC (mains power or generator)
- Option to use your own video recording device using video-out/in connector

## flexiprobe® components

All system components of the P330 flexiprobe® series are completely interchangeable and upwards/downwards compatible to grow with your inspection application needs.





# P331 flexiprobe® Mini

the entry level inspection system designed for residential and small commercial applications

## Fast Facts:

100' (30m) push rod/reel with built-in rod counter and calibration capability

Compact, weatherproofed command center with optional video recording capability

### Choice of:

1" (25mm) diameter, color camera capable of inspecting of 1¼"-4" (30mm-100mm) diameter pipes  
**or**  
Self-leveling 2" (50mm) diameter color camera for inspection applications in 2½"-8" (60mm-200mm) pipes

## Key Features:

- Sharp, digital images on TFT-LCD monitor
- Composite video input/output connector for any external recording system
- Integrated text annotation capability, optional QWERTY keyboard available
- Maintenance-free white LED lighting and sapphire lens for extended durability
- Skid set and spring included for flexibility and navigating through tight bends



P331 flexiprobe® Mini is a **lightweight and easy to carry system** that is **quick to set up, operate and maintain**.

It is an excellent choice for those just entering the inspection field or contractors seeking a robust, cost-effective unit to add to their toolbox or fleet service units.

## a system that grows with you...

Expand your inspection capabilities by adding any of these options and accessories

- Video recording option provides high capacity, high resolution digital video capture on industry standard CompactFlash for convenient recording, playback and retrieval
- QWERTY keyboard for easier text entry
- Range of sondes for full locatability
- Command Center docking/mounting kit
- Additional push rod springs for extending flexibility

Options & Accessories



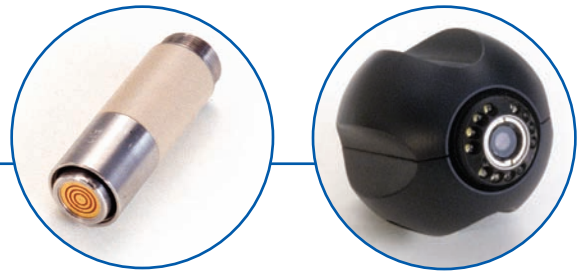
compact solutions  
inspection made easy

# P332 flexiprobe® Standard

the versatile solution for efficiently conducting inspections in a wide variety of pipe sizes, distances and application environments

The **flexibility, quick setup, easy operation** and **maintenance** of the P332 flexiprobe® Standard system make it the ideal choice for inspection professionals providing residential, commercial and basic municipal inspection services.

The P332 flexiprobe® Standard provides crisp picture viewing quality, indoors or outside. The reel design is rugged, compact and equipped with wheels for easy transport and maneuverability at the job site.



## Fast Facts:

Compact, weatherproofed command center with optional video recording capability

### Choice of:

200' (60m) **or** 400' (120m) push rod/reel with built-in rod counter and calibration capability

### Choice of:

Patented, fixed focus self-levelling color camera for pipes 2½"-8" (60mm-200mm) in diameter

**or**

1" (25mm) mini color camera for small diameter (1¼"-4" / 30mm-100mm) pipe survey requirements

## Key Features:

- Sharp, digital images on TFT-LCD monitor
- Composite video input/output connector for any external recording system
- Integrated text annotation capability, optional QWERTY keyboard available
- Maintenance-free white LED lighting and sapphire lens for extended durability
- Docking mount allows the Command Center to be removed for remote operation, easy transport and storage
- Skid set and spring included for flexibility and navigating through tight bends

## extend and expand

*Broaden the system's capabilities by adding any of these options and accessories*

- Video recording option provides high capacity, high resolution digital video capture on industry standard CompactFlash for convenient recording, playback and retrieval
- QWERTY keyboard for quick and accurate text annotation
- Range of sondes for full locatability
- Additional push rod springs for extending flexibility



portable innovation  
built for growth

Options & Accessories



# P333 flexiprobe® Specialist

the all-inclusive system for specialized applications in municipal, commercial, plant, manufacturing or residential environments

## Fast Facts:

500' (150m) push rod/reel with built-in rod counter and calibration capability

Compact, weatherproofed command center with video recording capability as standard

### Choice of:

Patented, fixed focus self-levelling color camera for pipes 2½"-8" (60mm-200mm) in diameter

or

1" (25mm) mini color camera for small diameter (1¼"-4" / 30mm-100mm) pipe survey requirements

## Key Features:

- High resolution digital video recording and high capacity image storage on industry standard CompactFlash card for convenient storage, playback and retrieval
- Simple set-up, user-friendly operation and easy maintenance
- Sharp, digital images on TFT-LCD monitor
- Composite video input/output connector for any external recording system
- QWERTY keyboard for quick and accurate integrated text annotation
- Docking mount allows the Command Center to be removed for remote operation, easy transport and storage
- Maintenance-free white LED lighting and sapphire lens for extended durability
- Heavy duty design reel is equipped with wheels for easy transport and movement at the job site



**Survey pipes up to 500' (150m) in length** with the P333 flexiprobe® Specialist System—specifically designed for inspection projects involving long runs of straight pipe or those with minimal bends and sweeps.

A skid set and spring are included to provide flexibility and the ability to navigate the camera over long distances with ease.

## increase the capabilities

*Fully extend the system's capabilities by adding these options and accessories*

### Options & Accessories

- Range of sondes for full locatability
- Additional push rod springs for extending flexibility



power & versatility  
inspection essentials

# Modularity

All the components of the P330 flexiprobe® series are interchangeable, allowing for simple upgrades and expansion to meet specific requirements

The series' modularity can help reduce spare parts stocking requirements for those organizations owning multiple flexiprobe® systems.

## P330 flexiprobe® Command Module

The flexiprobe® universal Command Center is a compact, rugged control unit that is designed to fit all flexiprobe® reels via a common docking clamp. The unit can be undocked for easy transport and storage. Other outstanding benefits include:

- Ruggedized, weatherproofed construction (IP rating IP55/IP53)
- 6.4"VGA anti-glare TFT- LCD screen
- Composite video in/out connector for video capture to standard external recording devices
- Audio input for voice-over annotation
- On screen titling with optional QWERTY keyboard
- Rod counter with calibration facility
- Operates from DC vehicle supply or AC (mains power or generator)

### VIDEO RECORDING OPTION

- Digital video recording on CompactFlash (up to 90 minutes of video)
- Easy transfer of video files to PC via USB cable or CompactFlash
- Built in video organiser facility for quick and efficient storage, retrieval and playback of surveys



Electrical	10 – 28v DC
Weight	10 lbs / 4.5 kg
Dimensions	14" x 14" x 8" 360mm x 360mm x 200mm
Material	Structural Polypropylene
Environmental Systems	IP55(closed lid); IP53 (open lid) All P330 flexiprobe series components
Monitor Dimensions	6.5"
Monitor Resolution	640 x 480
Monitor Controls	Brightness and Contrast



## 512/640Hz Sonde

Dimensions	.99" x 3.1" / 24mm x 39mm
Weight	.22 lbs / .05 kg
Construction	303 Stainless Steel / Glass Filled Nylon
Frequency	512/640Hz (dependant on variant)
Waterproof	IP68 (11 bar / 160 psi)
Power	0.43 W

## The RD4000 Drain Locator

The essential tool to pinpoint the location and depth of the flexiprobe® sonde within the pipe. Locate the sonde in cast iron pipe to a depth of 10' / 3m and up to 19.8' / 6m in non-metallic pipe. The RD4000's LCD display provides a digital read-out of depth as well as a bar-graph displays and audible tone.

Operating Modes/ Frequency	Sonde only: 512Hz/640Hz, 8 KHz, 33kHz Line: 65Hz Passive Power Mode – 50/60Hz
Dynamic Range	92 dB
Depth Range	19.8' / 6m   10' / 3m in cast iron pipe
Search Antennas	Two dual-wound symmetrical response
Indicators	LCD, audible tone
Weight	6.3 lbs / 2.8 kg (with 4 D-Cell batteries)
Batteries	4 D (30 hours of life @ 60° F)



system specifications  
 technical information



## P330 flexiprobe® Reels

- Compact and easy to carry
- Available in 3 sizes to meet various requirements
- Larger reels are equipped with wheels for easy transport

Available in 3 sizes - Mini reel shown

Mini	100' / 30m
Standard	200' / 60m or 400' / 120m
Specialist	500' / 150m

### P331 Mini Reel

Dimensions	2.5" x 17.5" x 10.5" 570mm x 440mm x 256mm
Weight	24 lbs / 11 kg
Construction	Welded steel powder coated
Rod	100' / 30m

### P332 Standard Reel

Dimensions	33.5" x 30" x 16.5" 850mm x 750mm x 420mm
Weight	40 lbs / 18.2 kg
Construction	Welded steel powder coated
Rod(s)	200' / 60m · 400' / 120m

### P333 Specialist Reel

Dimensions	32" x 46.1" x 18.7" 813mm x 1168mm x 475mm
Weight	74.2 lbs / 33.7kg
Construction	Welded steel powder coated
Rod	500' / 150m

## P330 flexiprobe® cameras

- 1" (25mm) diameter, manual focus color camera for inspecting 1¼"-4" (30mm-100mm) pipes
- 2" (50mm) diameter, fixed focus self-levelling color camera for inspecting 2½"-8" (60mm-200mm) pipes
- Dual glazed sapphire lens with anti-mist coating to resist thermal shock
- Cameras sealed against water ingress to IP68 standards (11bar/160psi)



### Mini Camera

Dimensions	.94" x 1.54" / 24mm x 39mm
Weight	.13 lbs / .06 kg
Construction	303 Stainless Steel
Waterproof	IP68 (11 bar / 160 psi)
Capacity	1.25" - 4" / 30mm - 100mm
Power	.75 W
Operating Temperature	-10°C to +50°C
Focal Length	20mm - infinity
Focus	Manually adjustable
Lighting	Maintenance free LEDs
Image Resolution	510 x 492 NTSC 628 x 582 PAL
S/n Ratio	>46dB

### Self Levelling Camera

Dimensions	1.89" x 3.15" / .48 x 80 mm
Weight	0.84 lbs / 0.38 kg
Construction	303 Stainless Steel
Waterproof	IP68 (11 bar/160 psi)
Capacity	2½"-8" / 60mm-200mm
Power	1.90 W (max)
Operating Temperature	-10°C to +50°C
Focal Length	170mm
Focus	Preset focus
Lighting	Maintenance free LEDs
Image Resolution	500 x 582 NTSC 752 x 582 PAL
S/n Ratio	>45dB

## The Pearpoint Product Range

- P330 flexiprobe® series
- P373 and P374 IS mini cameras
- Large modular push rod systems
- Portable mainline tractor-based systems
- Mainline inspection equipment & accessories
- Custom-built inspection vehicles
- Pipe survey data collection software

## After-Sales Support

Pearpoint customers benefit from an extensive service and technical support program. We have complete customer support, repairs and parts facilities around the globe, staffed with trained and qualified service technicians for "hands-on" advice and consulting.

since 1983...  
setting the standard to which video pipeline inspection equipment is built.



Over the last two decades, Pearpoint has earned a reputation of being the world leader in video pipeline inspection equipment technology. And for good reason—by listening to our customers and understanding their needs, we have created innovative tools that are productive, reliable and provide exceptional value.

Our systems are effectively integrated packages that help our customers make decisions faster and manage their assets more effectively.

Pearpoint is not just a hardware manufacturer, but an inspection solutions provider. Whether you are a private contractor, municipality, water and sanitary district or industrial plant manager, Pearpoint has a video inspection solution for your application and environment.

Whatever your requirements, Pearpoint can provide the quality, safety, versatility and after-sales support you need to get inspection projects done right, on time and on budget.

We look forward to serving you.

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