

flexitrax™ C550

Comprehensive. Convenient. Connected.

Portable video inspection for drainage, water and plumbing networks



Portable, modular pipeline inspection – designed with you in mind



Inspect pipes faster to complete more surveys each day

- The intuitive interface is quick to set up and simple to operate.
- Dedicated function keys make it easy to use.
- Built-in rechargeable batteries lasting all day.

Stay connected

Reports are ready to share as soon as your survey is complete.

- WiFi connection for sending reports via DropBox or email.
- Advanced connectivity with USB, HDMI and ethernet, making it easy to view and export your data.
- Video streaming to nearby devices.

A suite of reporting formats

Expand your client base by offering a variety of tailored surveys through;

- Integrate with Cues GraniteNet software to create NASSCO standard compliant reports including PACP, LACP, and MACP.
- Basic reports.

Customised solutions

- Modular by design, the flexitrac C550c system can be paired with a range of products and accessories.
- Our solution gives you flexibility when you need it, enabling you to survey pipes from 1¼" / 32mm to 60" / 1500mm.

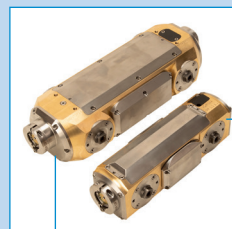


Crawlers

The two crawlers enable you to center your camera across a wide range of pipe sizes.



Auxiliary lighthouse for additional light in large or dark pipes



P354 crawler

- Center in pipes from
- 5.5" - 18" / 140mm - 457mm relined sewer pipe.
 - 4" - 18" / 100mm - 457mm industrial pipe

P356 crawler

- Center in pipes from
- 7.5" - 60" / 190mm - 1500mm sewer pipe
 - 6" - 60" / 150mm - 1500mm industrial pipe



flexitrax C550c controller

Alerts for WiFi and battery status



High resolution
12.1"/307mm screen



Convenient
cable-tidy
hooks

Connectivity: USB, HDMI,
WiFi, ethernet, audio
and analog video in

IP55 ingress
protection open
and closed

Regional keyboard
layouts available

Dedicated buttons for
shortcuts to commonly
used functions



Fingertip control of
drum/crawler/camera/light
with joysticks and
control buttons

Drums



Powered drum can be fitted
with up to 1000'/305m of cable



Manual drum

If you need a more
portable solution, the
manual drum can help
you reach access
points beyond the
range of your vehicle

PSU (power supply) for manual drum



Easier



Faster



Simpler

Easier. Faster. Simpler.

The flexitrac C550c is designed around simplicity of operation. Ready to use in 30 seconds from powering on, it requires minimal training to operate, letting you concentrate on pipe inspection.

A large 12.1"/307mm HD, daylight visible screen combined with full-size keyboard and dedicated function keys guide you through the survey process, making the system faster and easier to use.

Built in is a high capacity internal lithium-ion battery and 128Gb of solid state memory, sufficient for over 90 hours of video recording.

Tailored solutions

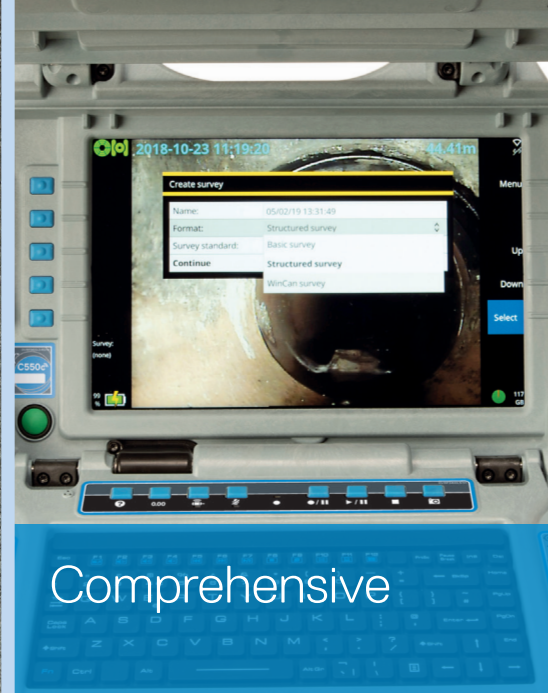
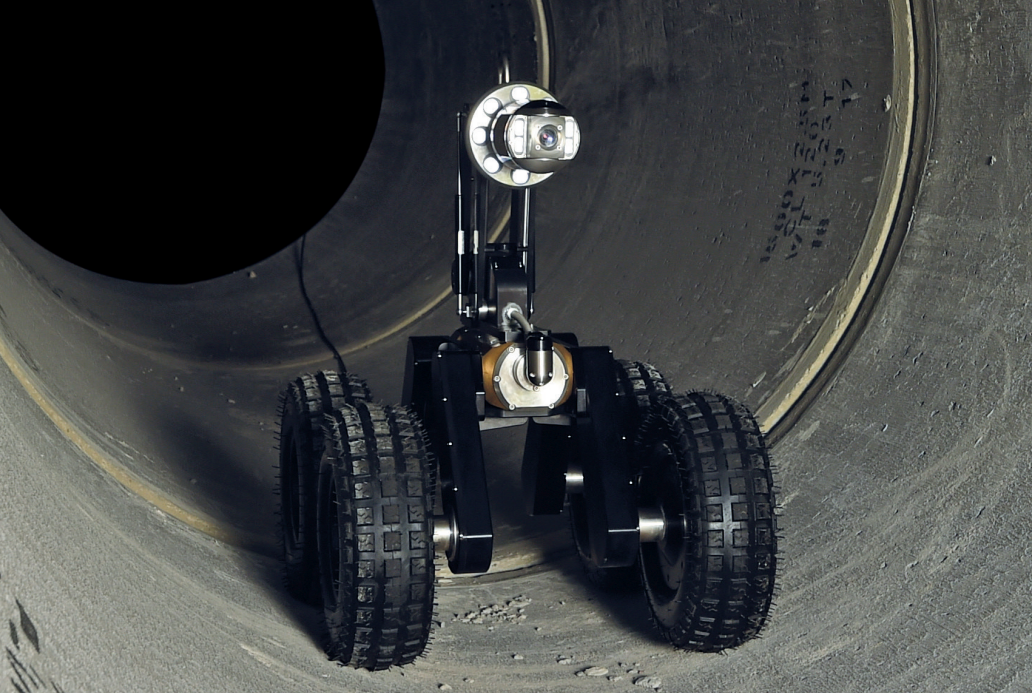
This portable and modular crawler system enables operators to customise the flexitrac C550c solution for the inspection of a vast range of pipes, in all locations.

The flexitrac C550c can be readily transported and easily wheeled onto site through our rugged, ergonomic design, allowing you to reach access points beyond the range of your vehicle.



Survey an extensive range of pipes

Survey pipes with an extensive range of 1¼" - 60" / 32mm - 1500mm.



Reporting

Use GraniteNet software to integrate the flexitrac C550c to your asset inspection, decision support, and work management program.

Additionally, the flexitrac C550c has complete on-board reporting capabilities and connectivity, quickly delivering content-rich survey reports to you and your customers. Creating a comprehensive report is quick and easy;

1 Choose the reporting template

Use customizable report templates for each occasion using customizable observation codes.

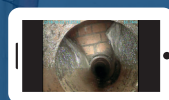
2 Complete the survey

Enter your survey details using a tactile, full-size keyboard. Dedicated and context-sensitive function buttons guide you through the survey process.

3 Distribute the report

Share reports, images and video as soon as your survey is complete via DropBox or email*. Alternatively you can export a report to a USB stick or stream videos to a nearby device.

(*WiFi access point required, such as mobile phone, tablet or dongle)



Connected

Accessories and Options

When building your flexitrac C550c solution, centering your camera in the middle of the pipe is key. Once the drum and crawler system have been chosen, enhance your pipeline inspection capabilities by incorporating our expert range of accessories to meet the demands of the various pipes you are working in.

Wheels

Select from a range of small, medium or large wheels and/or spacers to suit your pipe size and terrain.



Elevators

Both manual and powered elevators are available, for centered inspection up to 36"/900mm.



Other accessories are available.

Pushrods

A choice of pushrod reels of varying length and flexibility can be connected to the flexitrac C550c system. All controllers feature high capacity internal lithium-ion batteries proving power for up to a full day's typical usage. Use a pushrod to survey pipes as small as 1¼"/32mm.



Cameras

Choose from three camera models; Forward view only, Pan and Tilt or Pan and Tilt, with 10 x optical zoom.



Cradle

Combine the cradle and elevator together with the large crawler for centered inspection up to 60"/1500mm.



Locator

Combine your C550c flexiprobe system with the CUES Accupoint locator to pinpoint your camera's location and depth.

Guidance mode helps you trace your target with user-friendly visual and audio guides, while Peak+ mode with Guidance Arrows specifically target the needs of CCTV inspection system users.



The flexitrac C550c crawler system is fully compatible with Pearpoint's flexiprobe™ C540c, P540c and P340 range.

Specifications

flexitrax C550c	
Controller Battery Capacity	Internal Li-Ion Battery (4S2P) - 14.68V, 6.4Ah (93.95Wh)
Controller Battery Run-Time	Up to one day's typical usage, 7.5hrs view only/5hrs continuous recording*
Cameras	Forward View with 120 Lumen LEDs Pan/Tilt with 210 Lumen LEDs Pan, Tilt and 10 x optical Zoom with 420 Lumen LEDs
Connectivity	USB 2.0 (x3), HDMI video out, analog video in (PAL/NTSC), headphones out, microphone in, rod/camera/drum connectivity and 802.11 b/g/n WiFi
Construction	High impact ABS and powder-coated, zinc-plated mild steel
Controllers	flexitrax C550c command module with integrated joysticks to control the camera and crawler Optional pendant controller for deployment phase
Dimensions	17.5" x 15.2" x 6.1"/445mm x 385mm x 155mm
Display	12.1"/307mm, 1280 x 800 color LCD
Drums	Manual drum or powered drum, with cable length options from 500' to 1000'/150m to 305m
Environmental Protection	flexitrax C550c controller: IP55 Power supply/charger: IP54 rated for indoor use
Input power requirements	10-30V, 60W
Power sources	Power from drum, external mains PSU or internal battery
Power supply	Mains input 100-240VAC, 50-60Hz, 1.7A DC output 16V, 3.75A, 60W
Recording Formats	Video: H.264. Audio: MP3. File format: MP4
Report File Formats	Basic reports, MSCC3 & 4: docx MSCC5: docx or Xml WinCan: Xml Video: MP4 Image: JPEG
Storage	Integral 128Gb and support of USB flash storage
Temperature	Storage: 4°F to 176°F/-20°C to +80°C Operating: 14°F to 122°F/-10°C to +50°C Charging: 32°F to 104°F/0°C to +40°C
Weight	16lb/7.25 kg
Wheels	Small, medium and large solid rubber and large pneumatic for conventional/silted pipes Rasp wheels for smooth/relined pipes

*May vary depending on power management settings chosen, ambient conditions, accessories attached, recording time and other factors



READY TO GET STARTED

Visit www.cuesinc.com

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As the world's leading manufacturer of water, wastewater, and stormwater inspection equipment, CUES provides the necessary tools for both pipeline inspection and repair. For 50+ years, CUES has manufactured the most rugged and reliable pipeline inspection equipment in the industry.

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