

THE STANDARD OF THE INDUSTRY
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"The Standard of the Industry"



CUSTOM PLATFORM SYSTEM

The new CUES Custom Platform System is a fully integrated portable color TV inspection system! Housed in durable, air-transportable, weather resistant enclosures, the all-inclusive system comes complete with everything you need to perform remote visual inspections of pipes, conduits, access ways, etc. Each special piece of equipment, consisting of a Steerable Pipe Ranger wheeled transporter, OZII pan-tilt-zoom color camera, rear view camera, cable reel, and all necessary electronics, is designed to withstand inclement weather and rugged environments. CUES has once again used proven video technology to provide a versatile tool for internally confined space/entry inspections.



...provides portability, reliability, & ease of use!



STEERABLE PIPE RANGER The steerable Pipe Ranger is a six-wheeled transporter especially designed for use where large amounts of debris and silt have accumulated. The Pipe Ranger features a two-speed transmission to produce superior pulling power in lines up to 48". As the name suggests, the transporter is also designed with two (2) separate motor clutch sets that enables the unit to be "steered", much in the same way as a tracked vehicle. Three wheel sizes are provided for maximum performance and optional manual or electric lifts are available to raise the camera position to provide a 'center-of-pipe' view in lines up to 36" in diameter.



CABLE REEL The portable, motorized cable reel is able to store up to 1000 feet of cable and is specifically designed for the Custom Platform System.

The reel comes equipped with a (12) conductor slipring to carry the necessary current and signals through the reel and a levelwind cable handling system to evenly pay out or rewind the cable to prevent pile-ups and entanglements. A mechanical brake is included to prevent a cable spill during discharge.

CUSTOM PLATFORM SYSTEM

Base Components continued



ELECTRONICS SHIPPING AND STORAGE CONTAINERS

All of the electronics and operating controls for the transporter, camera, PCU, VCR, cable reel and data acquisition system are supplied in (2) heavy-duty reusable storage containers. Additional shelves can be provided if more space is needed for accessories.

This unique storage system provides the ability to customize the electronics and controls based on the equipment purchased and each customer's inspection requirements.

The containers were made to resist damage while protecting the contents with impact-absorbing materials. The internal frame is constructed of a plywood frame, covered with thick laminate, tapered with aluminum edges, and accessorized with recessed hardware and spring loaded handles.

The containers are waterproof and built to meet some of the toughest standards for durability and protection, making them ideal for shipping and transporting!



OZII COLOR CAMERA The OZII camera (PAL or NTSC) is a unique pan, tilt, and zoom inspection camera designed to enhance image details from faraway distances for inspection and assessment. 10x optical zoom and 4x digital zoom, automatic focus, remote focus, and iris controls are all included to ensure the highest quality picture within varying conditions. The camera pans 285 degrees and rotates 360 degrees to provide total up/down and side to side views throughout the inspection. A built-in 48 watt camera lighting system is also included for optimum illumination.



NEW FEATURE! The Custom Platform System includes a unique, infrared illuminated, rear viewing camera that's mounted to the power lift assembly! This camera allows you to avoid obstacles when pulling back or driving in reverse. You'll be able to monitor image details from either direction and quickly focus on an area of interest without having to manipulate the position of the transporter!

A compass and inclinometer has also been included to facilitate directional tracking of the unit and detect and record variations in the slope from true horizontal.

