CUES

Mini-Push 20/20
Portable Mini-mainline System

The CUES Mini-Push 20/20 is an all-inclusive, ready-to-use, portable, color video inspection system with a built-in battery power supply and battery charger. The Mini-Push 20/20 uses proven video technology to view and record pipelines from 2" in diameter and larger and can operate with existing CUES PS2, PS3 and self-upright cameras. The 6.4" color LCD monitor is adjustable with a fold down position for protection during transport and includes a sun shield for optimal viewing in sunlight. This lightweight system includes wheels for easy portability and a balanced footprint for stability. Manufactured for rugged reliability and designed to handle rigorous field use, the Mini-Push 20/20 is a versatile tool for any portable system user.

NEW! Use the DV-1 Touch Digital Video Recorder with the QZ2 Pole-mounted Inspection Camera.

Lightweight system for easy portability!

Features & Benefits:

• Alphanumeric video titling for on-screen footage display and comments
• 6.4" color LCD monitor with adjustable 3-axis display angle
• Universal AC power input of 85-264 VAC at 50/60 Hz
• The system operates using an internal 12-volt battery with battery charger
• Weather/water resistant aluminum electronics enclosure
• Operating instructions included on front of electronics enclosure
• Built-in connections for optional VCR
• Over voltage protection for built in camera lightring
• Reel assembly includes a footage counter on the basket hub and cable contact is not required
• 100' push cable (standard)
• PS3 standard 1.5" diameter color camera for 2" - 8" pipe
   • High resolution - 450+ lines ; high sensitivity - 0.3 lux
   • Long life LED light head with light intensity control
• Operates with a PS3, PS2, and self-upright camera
• Operates with PS2 mini/mainline camera for 3" - 15" pipes
• Operates with any constant tone, 512 Hz locator/receiver

Optional MP 20/20 Equipment:
• An optional DV-1 Touch Digital Video Recorder (DVR), mounted on the MP 2020 in a protective case, is available to digitally record the video inspection and audio to save on the included flash drive.
• Pneumatic tires are available to transport the MP2020 across rough terrain
• Mainline translator module and interface cable for operation with a standard multi-conductor truck
• VCR housed in a transport case, AC or DC option
• High-brightness, 700 nit sunlight-readable, LCD display
• Keyboard to create defect and commentary entry
• 200' push cable
• Built-in locator/receiver for accurate camera location in metallic and non-metallic pipes
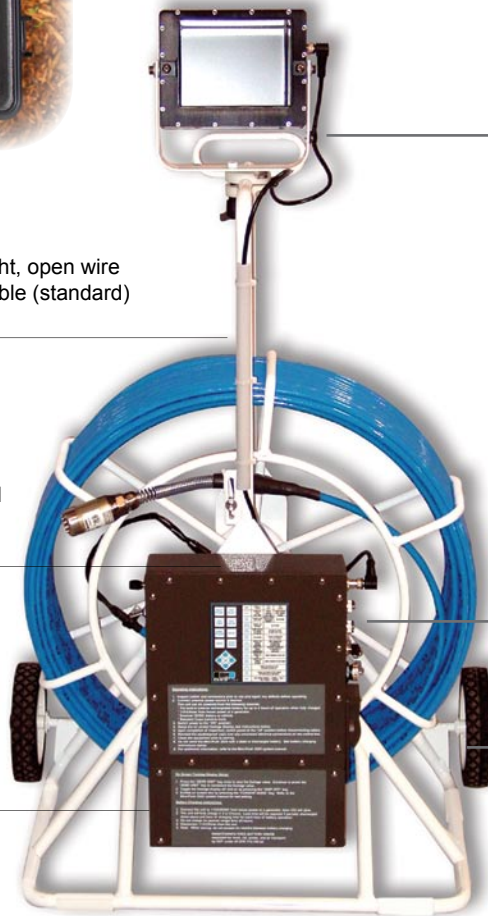• PS2 or self-upright camera

A distance counter and titler, built into the PCU, displays distance and comments on the video monitor!

An optional DV-1 Touch mobile digital
video recorder is available!

6.4" LCD monitor with alpha/numeric data
generator and video display unit

Constructed of steel in a lightweight, open wire
frame design; stores 100' push cable (standard)

Includes a footage sensor located
on the coiler basket

Weather/water resistant aluminum electronics
enclosure. Includes power supplies, variable
light intensity control, camera power switch,
and video IN/OUT jacks for external
connections

Equipped with wheels for easy portability

Includes a 12-volt battery with
battery charger

Standard Configuration

Optional Equipment - Customer Choice Packages

- **Sonde for Camera Location in Metallic and Non-metallic Pipe**
- **DVD or DVR to Record the Pipeline Inspection**
- **PC Style Keyboard for Data Entry**
- **High-resolution LCD Monitor with High-intensity Backlighting**
- **Coiler to Truck System Translator Module and Interface Cable**

NEW! Use the wireless packages below to create a cost-effective Lateral Inspection System!

Wireless Video to a new or existing TV unit - Includes 2.4 Ghz wireless video receiver, all cabling, A/B video switch to interface with your existing digital video capture system.

Wireless Transmitter for MP2020 - This package provides the wireless transmitter and items needed to allow the video from the MP2020 to be sent back to a wireless receiver. Note: This package requires a wireless receiver package for operation (QC913) and cannot be used at the same time as either mobile digital video recorder option.

NOTE: Additional equipment may be required based on your specific system to operate the MP2020 with the options listed above.