

"The Standard of the Industry"



# 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.

*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 lighting
- 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 configuration with a larger basket size is available to accommodate up to 500' of .517" push cable
- An optional DVR-SD Digital Video Recorder, mounted on the MP 2020 in a protective case, is available to digitally record the video inspection and audio.
- High-brightness, 700 nit sunlight-readable, LCD display
- Keyboard to create defect and commentary entry
- 200' push cable
- Mainline translator module and interface cable for operation with a standard multi-conductor truck
- VCR housed in a transport case, AC or DC option
- Built-in locator/receiver for accurate camera location in metallic and non-metallic pipes
- PS2 or self-upright camera
- Pneumatic tires are available to transport the MP2020 across rough terrain



An optional DVR-SD is available to record and play back your manhole and pipeline inspections.



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

An optional configuration is available with a larger basket size to accommodate up to 500' of .517" push cable

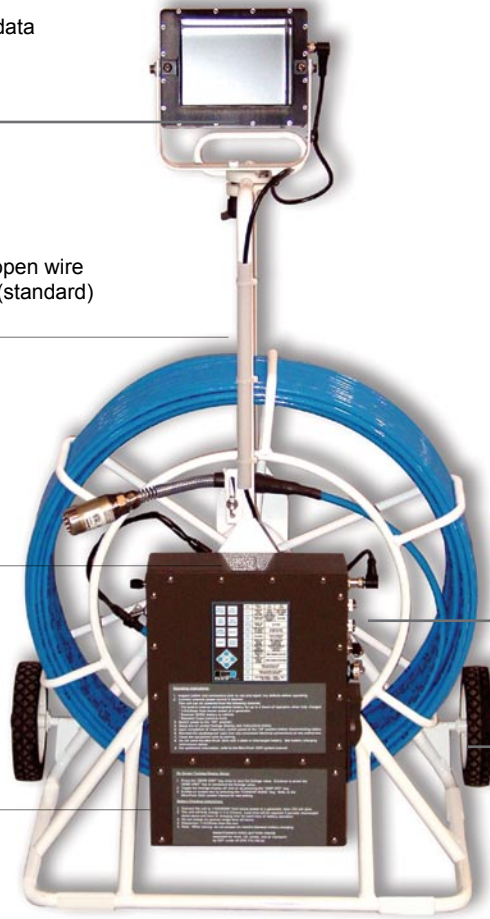


6.4" LCD monitor with alpha/numeric data generator and video display unit

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

Includes a footage sensor located on the coiler basket

Includes a 12-volt battery with battery charger



Standard Configuration


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

## 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.