



HERON
INSTRUMENTS INC.

dipper-See EXAMINER

Vertical Downhole Inspection Camera

Length Options: 150m or 500 ft
300m or 1000ft

Warranty: 1 Year

The Heron dipper-See EXAMINER is a robust, cost effective, **vertical downhole inspection camera**. Designed with portability in mind, this **self-contained** unit is ideal for viewing in wells, drains, vertical shafts, open bodies of water, boreholes and narrow tubes from 25mm (1") diameter.

The **adjustable positioning arm**, conveniently attached to the frame, offers an ergonomic solution for adjusting the monitor for viewing the **HD display screen** at different angles and lighting conditions. The **built-in hanger** on the frame can support the unit at the top of the well, allowing for hands-free viewing while in the field.

Features and Accessories Included:

- **See-120 Camera Probe** – 25mm (1") diameter, 316 marine grade, fully pressure rated, field replaceable
- **Lens** – robust, scratch resistant clear sapphire
- **LED Lights** – 7 ultra-bright
- **Monitor** – resolution 500TVL 17.78cm (7"), full colour, rated IP65 and should be covered during wet or inclement weather
- **Adjustable Positioning Arm** – attached to the frame, a solution for adjusting the monitor for viewing in various lighting conditions.
- **Batteries (x2)** – removable, rechargeable lithium ion, up to 5 hours (3200mAh) per battery
- **Charger** – plug type A, AC Input, compact, portable
- **DVR** – records video and audio feed
- **SD Card** – removable for transferring files to computer
- **Microphone** – 3.5mm jack, for audio voice over
- **Centralizer** – removable, centers and stabilizes camera probe in well
- **Retrieval Hook** – for light weight items
- **Monitor Visor** – for glare free viewing
- **Hanger and Tape Guide** – built-in, to support the unit at the well head and protect the tape from sharp edges
- **Tape** – polyethylene, 4 conductors, marked every meter or foot
- **Super Tough, Wheeled Case** – to transport and protect your investment from the elements

* Features and Specifications are subject to change



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HERON
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dipper-See EXAMINER Features



Camera Probe:

The detachable See-120 camera probe is an **HD** camera that is designed to work in the harshest environments and stand up to the most rigorous use. It is precision machined out of nonferrous **316 marine grade** stainless steel with a **sapphire lens** that is machined in the C - axis for superior strength and clarity. The link connection is designed so that you can quickly remove the camera probe for field replacement and for future camera upgrades.



Display Monitor:

The adjustable positioning arm, attached to the frame, offers an ergonomic solution for adjusting the dipper-See EXAMINER display monitor for viewing at different angles and lighting conditions. For ease of use, the monitor conveniently houses the Power and **(DVR)** Mode button on the front. The **SD** card inserted into the provided **DVR** records video/audio and is removable for transferring the information to an external device.



Accessories Included:

- **Wheeled Case** – Lightweight NK7 Polypropylene
- **Accessory Case** – Lightweight NK7 Polypropylene
- **Batteries** – 11.1v, Lithium Ion
- **Battery Charger** – Plug type A, AC Input
- **DVR** – HD Recorder
- **SD Card** – 32 GB
- **Microphone** – 3.5mm Jack
- **Centralizer** – Delrin
- **Retrieval Hook** – Acetal Resin Arm with S/S Hook
- **Monitor Visor** – Nylon
- **Cleaning Cloth/Solution** – Microfibre/Alconox

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