

Pipe and Drain Inspection and Cleaning

ROSCOPE®	68
Pipe and Drain Inspection Systems	69, 70
ROCAM Camera Sonde Locator	71
R600 Drain Cleaning Machine	72
ROSPI 8 Plus Manual Drain Cleaning Unit	73
Drain Cleaning Cables and Tools	73, 74

ROTHENBERGER's line of pipe and drain inspection and cleaning equipment includes the ROCAM Cordless Drain Inspection Cameras in black and white or color. These cameras are the ideal tool for inspecting, locating, and documenting damage or obstructions in drains or hollow spaces.

Once the problem area is found, ROTHENBERGER has a drain cleaning machine that will reach the obstruction, and eliminate it by cutting or grinding with one of our many attachment tools.



Pipe & Drain Inspection Systems

ROSCOPE®

Professional Hand-held Inspection Tool with 3.5" TFT color display

new



Product Profile

FEATURES

- Inspection is possible in a variety of areas
- Take still photos of inspection
- Fast filming of the inspection (date and time optional)
- Immediate replay of the inspection
- USB interface for easy data transfer to laptop
- SD memory card for expandability

TECHNICAL DATA

- | | |
|------------------|--------------------------------|
| • Display | 3.5" TFT Display 320x240 Pixel |
| • Battery | Rechargeable Li-Polymer-accu |
| • Video Format | MPEG |
| • Picture Format | JPEG |
| • Circuit Points | Mini USB / AV Out |

- Taking photos is quick and easy:
Date and Time optional

- Modular controller system with 4 modules:
Multi-functional application possibilities

- Easy data transfer to laptop:
USB interface

- 3.5" TFT Monitor color:
Clear image, oil- and scratch-resistant monitor, adjusted picture



- Continuous brightness regulation (LED):
Optimal illumination

- Built in expandable memory capacity:
SD-card slot, 2 GB memory card included

- Can be connected to an external display:
AV Out / Mini USB interface

- Menu- and tool-control:
Multifunction buttons
- **Direct inspection and video playback**
- **Direct still picture replay**



Plumbing



Gooseneck



Utility



Industrial

Description	lb	No.
ROSCOPE Master Unit	2.60	69361
Plumbing (Pipe Module 25 / 72 in case)	1.60	69372
Industrial (Micro Module)	0.30	69376
Gooseneck (TEC Module)	0.30	69364
Utility (Pipe Module 20/9)	0.50	69385
Accessories (hook, mirror, magnet) 10mm	0.30	69379
Accessories (mirror, magnet) 5.5mm	0.30	69380
Charger	0.20	69386

Pipe & Drain Inspection Systems

ROCAM® Cordless

Drain Inspection Camera



Product Profile

FEATURES

- Flexible camera head for excellent maneuverability
- One-man, single-handed device
- Continuously adjustable LED brightness
- Integrated storage compartment
- Battery charge indicator
- Recording device provided

TECHNICAL DATA

- For hollow spaces and drains of 2" to 6" (50 to 150 mm)
- Camera head diameter 1-1/4" (33 mm)
- Push cable diameter 3/16" (4.5 mm)
- Push cable length 118 ft (36 m)
- Main operation 110 V / 50-60 Hz or 24 V battery



- On-board battery charger with charge status indicator:
Battery is always charged
- Fold down monitor cover:
Acts as sun visor for best viewing of image
- New hinges feature gas shock absorbers:
Cover doesn't slam shut
- Easy battery disconnect:
Conserves battery power (1-1.5 hour charge time)
- ABS housing:
Impact and splash resistant
Perfect for use on building sites
- Pinhole lens with LED illumination:
Brilliant, clear image for easy diagnosis
- Digital metering readout:
For determining exact location of blockages
- Video In / Video Out:
For optional video recording and playback
- Rugged tubular frame acts as handle:
Stable positioning on any surface
Easy to carry



ROCAM® Camera Locator 69001

ROCAM® Cordless Accessories

ROCAM® Guide Ball

- External diameter 2-3/4" (70 mm):
For centering the camera head in the pipe
- Used with the push rod:
Keeps camera head centered in large pipes increasing illumination and field of vision



ROCAM® Mobile Replacement Battery 24V / 1.4 Ah-NiCd

- Reserve battery:
Prolongs battery-powered operating time
- Clicks into place:
Won't fall out



ROCAM® Camera Heads

- Available in black & white or color:
Exchangeable modules
Brilliant image resolution for sharp pictures
- Automatic lighting control:
No need for constant readjustment
- Camera head measures only 1-5/16" (33mm) diameter:
Easily maneuvers bends
- Sapphire lens with edge protection:
Sturdy and durable



ROCAM® Cordless models listed below include 2 guide skids, electrical adapter, cable.

Description	lb	No.
ROCAM® Cordless color with Transmitter and distance counter	36.0	69635NT
Replacement Cable	2.3	69480
Replacement Battery	2.0	69550
Power Supply, replacement	2.0	H88953
Guide Ball	0.3	74628
Recording Device		69002
ROCAM® Camera Sonde Locator	7.5	69001

Pipe & Drain Inspection Systems

ROCAM® Plus Cordless

Drain Inspection Camera



- On-board battery charger with charge status indicator:
Battery is always charged
- Fold down monitor cover:
Acts as sun visor for best viewing of image
- New hinges feature gas shock absorbers:
Cover doesn't slam shut
- Easy battery disconnect:
Conserves battery power
- ABS housing:
Impact and splash resistant
Perfect for use on building sites
- Digital metering readout:
For determining exact location of blockages
- Video In / Video Out:
For optional video recording and playback
- Rugged tubular frame acts as handle:
Stable positioning on any surface
Easy to carry
- Pinhole lens with LED illumination:
Brilliant, clear image for easy diagnosis

Product Profile	
FEATURES	
<ul style="list-style-type: none"> • Compact all-in-one unit • Transmitter for problem location • Heavy-duty flexible, reinforced push cable • Sturdy, splash-proof ABS housing • Video in/out for optional recording and playback • Standard on-screen distance counter • Self-leveling head • Recording device provided 	
TECHNICAL DATA	
• For hollow spaces and drains of	2" to 12" (50 to 300 mm)
• Camera head diameter	1.57" (40 mm)
• Push cable diameter	5/16" (7.5 mm)
• Push cable length	320 ft (100 m)
• Main operation	110 V / 50-60 Hz or 12 V battery



ROCAM® Camera Locator
69001

8

ROCAM® Plus Cordless model listed below includes 2 guide skids, electrical adapter, mini module, cable.

Description	lb	No.
ROCAM® Plus Cordless color 325' with Transmitter and distance counter	61.5	69825NT
Replacement Cable	2.3	H82460
Replacement Head	0.65	69701NT
Transmitter	1.0	69850
Replacement Battery	1.6	69570
Charger	2.3	69120
Recording Device		69002
ROCAM® Camera Sonde Locator	7.5	69001

ROCAM® Plus Replacement Battery

- 12 V high-performance battery:
For flexible use
- Up to 2.5 hours operating time



Description	lb	No.
ROCAM® Plus Battery	1.6	69570
Replacement Battery Charger		69120
Replacement Lens Assembly		H82402

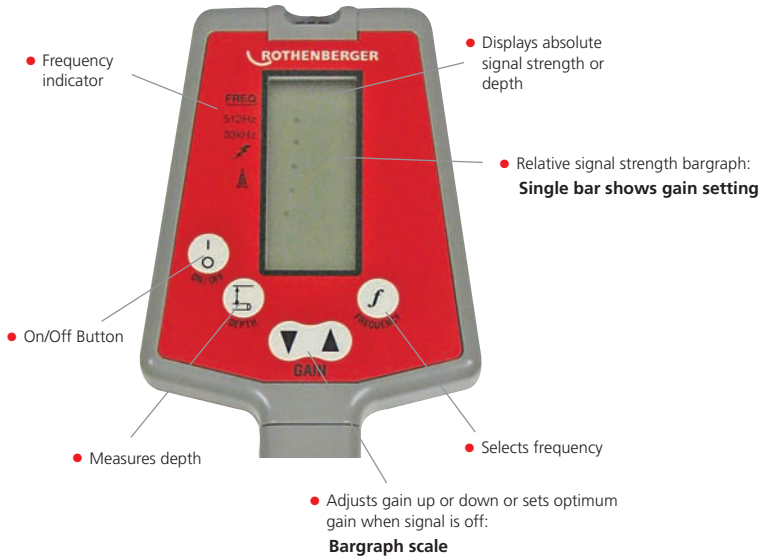
Drain Cleaning Equipment and Cables

ROCAM® Camera Sonde Locator

For use with Rothenberger ROCAM® Cameras

Whether locating water lines, sewer lines, inspection cameras or sondes, this is an economical and de-pendable locator for companies of all sizes.

Multi-functional capability allows user to locate live power lines without the use of a transmitter.



Product Profile

FEATURES

- Active frequencies of 512 Hz and 33 kHz allow accurate tracing of sondes, pipe cameras with transmitters
- 50/60 Hz frequency locates live utilities without the use of a transmitter
- Backlit digital display for low-light reading
- Push-button depth accurate up to 15 feet
- Locate sondes up to 10 feet in cast iron
- Weather proof membrane buttons
- Made in the U.S.A.

TECHNICAL DATA

- Input Frequency 512 Hz, 33 kHz, 50/60 Hz, RF RF
- RF Frequency Range 14 kHz to 30 kHz
- Antenna Mode Peak, pin-point peak, and null
- Display Indicators Backlit LCD bar graph, low battery, signal strength, mode and function indicators
- Audio Indication Variable pitch response
- Current Measurement Display indicates relative current
- Power Source 6 Disposable, "C" batteries
- Battery Life Continuous: 40 hours; Intermittent: 82 hours
- Signal Strength LCD bar graph, absolute signal strength readout
- Gain Control Up/down for automatic centering and manual
- Dynamic Range 126 dB Depth
- Depth Measurement Push-button readout to 15 feet or manual triangulation method
- Operating Temperature -4° F to +133° F (-20°C to +55° C)
- Size 30.3" x 9.4" (77 cm x 24 cm)
- Weight 3 lbs (1.36 kg)

Description	lb	No.
ROCAM® Camera Sonde Locator	7.5	69001

Drain Cleaning Equipment

Product Profile

FEATURES

- Reinforced guide hose sheathing with precision quick coupling:
Safe, kink-free cable feed; prevents dirt ingress
- Die-cast aluminum frame and fiberglass reinforced side panels:
Extremely light and sturdy
- Clamping device:
For secure lengthening/shortening of cables
- Lockable drive lever:
Serves as carrying handle
- Optional tri-pod stand:
Provides safe, non-slip, higher position of machine when working on toilets and inspection holes

TECHNICAL DATA

- Cable size with direct take-up: 7/8" (22 mm) and 5/8" (16 mm)
- For pipe sizes: 3/4" - 6" (20 - 150 mm) dia.
- Maximum working length: 200 ft. (61 m) with 7/8" cables
165 ft. (50 m) with 5/8" cables
- Rating: 0.4 kW (0.55 HP)
RH and LH drive
- Speed: 467 rpm



72541



Cables sold separately
72112



72120, 72121



58182



- Locking drive lever
Serves as carrying handle



- Patented **CENTER-LOCK** cable clutch system
Safe and powerful transmission to the cable

8

Description	lb	110/115 V 50/60 Hz
R 600V machine with guide hose	46.0	72869V
R 600 with accessories Includes: 5 x cables 7/8" dia. (72441), cable basket (72112), guide hose (72541), guide glove (72120), separating pin (72101), straight auger (72221), bulb auger (72263), spade head cutter (72261), funnel auger (72222), serrated forked cutter (72250)	105.0	72676

Accessories for R600	lb	No.
Guide Hose, 13 ft.	6.0	72541
Clutch Jaws with springs, R600	2.0	72638
Tri-pod Stand, collapsible	16.5	58182
Separating Pin for 7/8" and 1-1/4" cables/tools	0.1	72101
Cable Basket for 7/8" cables, 74 max ft.	3.6	72112
Cable Guide Glove, left	0.5	72120
Cable Guide Glove, right	0.5	72121
Cable, 7/8" dia., 15'	9.5	72441

Drain Cleaning Equipment and Cables / Tools

ROSPI 8 PLUS

Manual and electric drain cleaning unit

For use with hex drive on conventional power drill or by hand with attached handle

- Flexible, 5/16" x 25' cable with integrated bulb auger:
Removes contamination from hard-to-reach places
- Impact-resistant, enclosed snake container:
Protects cable from dirt
- Works in tight bends:
No need to dismantle sink strainers or siphons



Description	lb	No.
ROSPI 8 PLUS	5.5	72095
Cable, replacement, 5/8" x 25 ft.	4.5	72412



Cables sold separately



Standard Cables & Baskets

- Flexible
- For general cleaning with normal loading and short distances
- Easy operation in tight bends or a succession of pipe bends
- Includes patented lock-ring technology

Description	L ft	R/K Type	lb	No.
Drain Cleaning Cable, 5/8"	7.5	C 8	2.4	72431
Drain Cleaning Cable, 7/8"	15	C 10	8.8	72441
Drain Cleaning Cable, 1-1/4"	15	C 11	13.9	72451
Cable Basket for 5/8" cables, 113 max ft.			2.9	72110
Cable Basket for 1-1/4" cables, 59 max ft.			5.1	72111
Cable Basket for 7/8" cables, 74 max ft.			3.6	72112



- Lock Rings:
Flexible, self-binding material

ROTHENBERGER Lock Ring

One-of-a-kind safety ring for the optimum transmission of the torque pressure onto the coupling with 100% surface pressure

- Increased safety
- Increased durability/service life of the spiral
- Patent Pending

Serrated Forked Cutter

- Universal tool for sludge deposits and roots
- Hardened spring steel with teeth on both sides



72250

Coupling	dia.	L	Working range	lb	No.
7/8"	3"	4"	4" - 6"	0.6	72250
1-1/4"	4"	4"	4-3/4" - 8"	0.6	72350

Drain Cleaning Tools

Two-way Root Cutter

- For chopping up roots and solid materials
- Hardened spring steel with teeth on front and back:
Cuts in both directions



72265

Coupling	dia.	L	Working range	lb	No.
7/8"	2-1/2"	3-1/8"	3" - 4"	0.6	72265
1-1/4"	2-1/2"	3-1/8"	3" - 4"	0.7	72365

Drain Cleaning Tools

Cross-blade Cutter, Serrated

- Powerful tool with hardened, break-proof, steel blades
- Use for textile or sludge obstructions and coarse removal of encrustations
- Use as preparatory tool for chain spinning



Recommended for use with SMK cables

Coupling	dia.		Working range		No.
5/8"	1"	1-3/8"	1-1/2" - 3"	0.1	72175
7/8"	1-3/4"	2-3/8"	2-3/4" - 4"	0.2	72275
1-1/4"	1-3/4"	2-3/8"	2-3/4" - 4-1/8"	0.4	72374

Chain-spinning Heads with Spikes

- Without ring:
Improved maneuvering in pipe bends
- Intensive cleaning action:
Reduces risk of renewed obstructions
Ideal for final cleaning of pipe
- For concrete and cast iron pipes



72278

Coupling	dia.		Working range		No.
5/8"	1-1/8"	6-1/8"	2" - 5"	0.4	72186
7/8"	2"	6-5/8"	2-3/4" - 5"	1.9	72278
1-1/4"	2-3/4"	8-5/8"	3-1/2" - 5-1/2"	3.0	72347

Spiral Sawtooth Cutter

- Special tool for chopping up small roots, branches, and other materials



Coupling	dia.		Working range		No.
5/8"	1-3/4"	1"	2" - 3"	0.1	72166
7/8"	1-3/4"	1-9/16"	3" - 4"	0.3	72229
1-1/4"	2-1/2"	2-1/8"	3" - 4"	0.5	72329

Retrieving Auger

- Specially designed tool with a claw for retrieving textiles, tools, cables, etc.



Coupling	dia.		Working range		No.
5/8"	1-3/8"	2-1/8"	2" - 3"	0.1	72162
7/8"	1-3/4"	4"	3" - 6"	0.3	72203
1-1/4"	2-1/2"	5"	3" - 10"	0.6	72325

Spade-head Cutter

- Special curved tool for silt and sludge deposits



Coupling	dia.		Working range		No.
7/8"	2-1/2"	2-1/2"	4" - 6"	0.4	72261
1-1/4"	2-1/2"	2-3/4"	4" - 6"	0.6	72360

Grease Cutter

- Standard tool for removing grease and other soft deposits, such as soap accumulations



Coupling	dia.		Working range		No.
5/8"	1"	1-3/8"	1-1/2" - 3"	0.1	72169
5/8"	1-3/8"	1-3/4"	2" - 3"	0.1	72170
7/8"	1-3/4"	2-3/8"	2-3/8" - 5"	0.2	72234

Straight Auger

- Standard tool for establishing the nature of an obstruction in order to determine suitable cleaning tool
- For snagging or drilling through obstructions caused by textiles, paper, cellulose materials, kitchen refuse, etc.



Coupling	dia.		Working range		No.
5/8"	5/8"	4-3/8"	1" - 3"	0.2	72161
7/8"	7/8"	8-1/4"	2" - 4"	0.4	72221
1-1/4"	1-1/4"	8-5/8"	3" - 10"	0.8	72321

Bulb Auger

- Specially designed for small pipes, and drains with multiple bends
- Standard, highly flexible tool for clearing light textile & paper obstructions

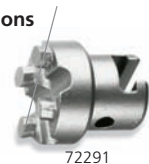


Coupling	dia.		Working range		No.
5/8"	1-1/8"	4-1/2"	1-1/2" - 3"	0.2	72163
7/8"	1-9/16"	7"	2" - 4"	0.5	72263
1-1/4"	2"	8-5/8"	3" - 10"	0.1	72363

Carbide-tipped Cutters

- Blades are carbide tipped:
Clears hardest obstructions and encrustations such as cement deposits, urine and water scale
- Blades are securely mounted to tool body:
Long service life
- Recommended for use with S or SMK cables

Carbide-tipped blades



72291

Coupling	dia.	Working range		No.
5/8"	1"	1-3/8" - 2"	0.2	72191
7/8"	1-3/16"	2" - 3"	0.2	72291
1-1/4"	1-3/4"	2-3/8" - 4"	0.6	72392

Funnel Auger

- Large grab capacity can also be used to retrieve cables
- For removing or opening up obstructions caused by textiles or paper.



Coupling	dia.		Working range		No.
5/8"	1-1/4"	4-3/8"	2" - 4"	0.2	72165
7/8"	2-1/8"	7-1/4"	4" - 6"	0.7	72222
1-1/4"	2-3/8"	7-5/8"	4" - 10"	1.2	72322