

system

ratings CE, NRTL
power 120-240 Vac, 60 Hz
viewing capability pipelines 6–72" diameter

camera (RCX90)

imager color 1/4" CCD
resolution 720 × 576 pixels
zoom lens 120× (10× optical, 12× digital)
pressure rating 1 bar
features auto shutter; auto/manual focus
illumination dimmable shadowless 40-LED array
articulation ±145 deg tilt; infinite pan
measurement twin laser diodes
sensing temperature, pressure, pan/tilt angles
size 6.6" × 3.1" × 2.8" (168 × 81 × 72 mm)
weight 3.3 lb (1.5 kg)
materials aluminum, stainless steel

crawler (RX130)

wheels 6
turn radius down to 0.0"
camera color rear-view w/ high-lux tri-LED lamp
sensors pitch, roll, temperature, pressure
pressure rating 1 bar
size 12.2" × 4.4" × 3.2" (310 × 111 × 90 mm)
weight 13.2 lb (6 kg)
materials aluminum, stainless steel
sonde transmitter 33 kHz / 512 Hz

control pendant (VC200)

controls twin proportional joysticks; push-button
controls (power, lamp intensity, camera lift,
zoom, focus, reel mode, pull force, crawl
speed/direction); 10 soft keys; touchscreen
touchscreen 8.4" color (800×600 pixels)
video capture MPEG-4 (H.256)
image capture JPEG
storage external USB; internal flash (64 GB)
connectivity Ethernet
size 13.5" × 9.3" × 3" (342 × 236 × 75 mm)
weight 4.4 lb (2 kg)
firmware VisionControl (auto-updating)
bundled software VisionReport

axial auxiliary lamp (optional)

lamps four (4) hi-lux tri-LED lamps
dimensions 4.6" × 5.2" × 5.2" (117 × 132 × 132 mm)
materials aluminum, stainless steel

Specifications

16.5 lbs



cable reel (RAX300)

cable length 1000' (300 m)
cable diameter 1/4" (6.5 mm)
cable weight 0.03 lb/ft
cable strength 1000 lb
cable conductors 6
controls (local) power, emergency stop
controls (via pendant) auto/manual, speed,
forward/reverse, pull strength
sensors tension, tilt
size 24.2" × 12.4" × 19.3" (620 × 315 × 490 mm)
weight 68.3 lb (31 kg)
connections pendant, service port, video in/out

camera lift (optional)

lift range 3.1–10.2" (132–312)
materials aluminum, stainless steel

carriage (optional)

wheelbase (width/length) 14.5"/12.2" (368/310 mm)
weight 34.2 lb (15.5 kg)
materials aluminum, stainless steel

auxiliary lamp/rear camera (optional)

forward illumination twin hi-lux tri-LED lamps
camera color rear-view w/ high-lux tri-LED lamp
sonde transmitter 33 kHz / 512 Hz
materials aluminum, stainless steel

basic system

- RX130 crawler body
- RCX90 camera head
- RAX300 reel with 1000' cable
- VC200 control pendant
- VisionReport software
- wireless remote control
- small rubber wheels (6)
- medium rubber wheels (4)
- medium grease wheels (4)
- large rubber wheels (4)
- wheel spacers (4)
- crawler body transport case
- camera head transport case
- tools (wrenches, pressure kit)

optional accessories

- laser profiler
- DigiSewer side-scan camera
- remote camera lift
- large-pipe carriage
- auxiliary lamp/rear-view camera
- desktop mount for pendant
- USB media for pendant
- wheel sets (see chart on flap)
- cable management accessories
- lowering devices
- WinCan observation and asset management software
- other accessories