Duct investigation equipment
LIFA DuctControl

Clean indoor air is supplied through clean air ducts. In just a few years of use all supply and exhaust air ducts collect lots of dust, microbes and dirt. But kitchen and industrial extract air ducts can be a fire hazard after a couple of months only.

Just look inside the ducts!

Before

After

Lifa DuctControl

Lifa Air is specialized in developing and producing methods and equipment for inspecting and cleaning of ventilation and air-conditioning systems. Our inspection cameras can operate both in rectangular and round ducts, as well in vertical as in horizontal ones. The inspection visuals are immediately recordable. Camera equipment can also be used in guiding the cleaning devices during the cleaning process.

Lifa DuctTruck robot camera shows the status of duct in full colour.

DuctControl Mini

Robotic video inspection camera set for horizontal ducts. Lightweight portable inspection package which includes everything needed for any inspection or HVAC visual survey job.

Set includes:
- Lifa DuctTruck mini tractor
- Portable field box
- TFT colour monitor
- Video cable 25 m
- Control box, with battery
- Joystick control box
+ LifaDrop camera (optional)

DuctControl Manual

A portable inspection package for vertical and small horizontal ducts.

Set includes:
- LifaDrop camera
- Portable field box
- TFT colour monitor
- Video cable 25 m
- Control box, with battery
- Joystick control box
+ Fiber glass rod(s)
+ Easy upgrade to DuctControl mini by adding Lifa DuctTruck and joystick

Customised DuctControl

Lifa DuctTruck - *for horizontal ducts*

Robot camera unit for horizontal duct inspections. Easy to operate using joystick controls. Video footage monitoring on a display screen, or on a headset monitor.
• Built-in CCTV colour camera
• Wide angle lens
• Dimensions W 150 mm, L 180 mm, H 95 mm (wheels)
• State-of-the-art LED lights
• Minimum duct Ø 200 mm

Joysticks
• Dual joysticks or
• Single stick joystick to keep the other hand free for feeding CCTV cable.
• Light adjustment knob

LifaDrop - *for vertical ducts*

LifaDrop is a colour video camera for inspecting vertical and small horizontal ducts. It is operated dropping the camera connected with cable into the duct.
• Resolution 542 x 582

TFT screen

Small size monitor for viewing the inspection or cleaning process
• Industrial quality
• Flat TFT display
• Size 7"
• Resolution 1440x234
• NTSC or PAL

Control Box
• Control cable 25 m
• Dual joystick control
• RCA video output for VCR or laptop PC (Video Grabber needed)
• Battery

Accessories

Glass fibre rod pair
item code: 6420281012365
 (start and end), 2 pcs; 1.75 m each (extendable with more pairs) for Drop Cam (diam. 6 mm, M 8 connection)

Glass fibre rod
item code: 6420281024504
 extension pair 2 pcs; 1,75 m each (diam. 6 mm, M 8 connection)

Video Grabber

Device for viewing and saving video on computer
• 720x576-PAL and 720x480-NTSC
• USB 2.0 connection

Accessories

LifaComb
stainless steel wet film thickness gauge – measures the thickness dirt/grease, 25 micron accuracy
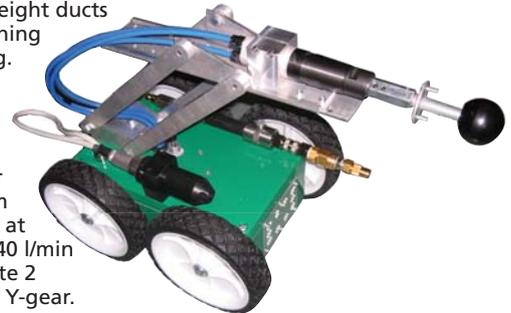
Endoscope / Videostick
Visual Optics new video based inspection scope, gives you the latest in remote video technology.

Lifa DuctCleaner Robot

Operation range from 20cm height ducts up to 70cm. Width of the cleaning robot is 24cm, weight only 8kg. Accessory to DuctControl Mini camera robot: driving, video picture capture and light adjustment with the same control box. Pneumatic motor rotating brush needs minimum of 200 l/min of compressed air at 6 bar. Optimum power with 340 l/min at 7 bar when possible to rotate 2 brushes at the same time with Y-gear.