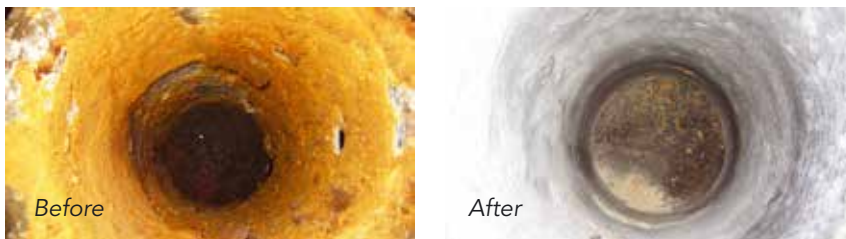


### Duct investigation equipment LIFA DuctControl camera robots

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 grease exhaust and industrial extract air ducts can be a fire hazard after a couple of months only.

#### Just look inside the ducts!



#### Lifa DuctControl Set - 3 options with 1 controls unit (DC Manual, DC Mini and/or DC Cleaning Robot)

Lifa Air is specialized in developing and producing methods and equipment for inspecting and cleaning of ventilation and air-conditioning systems. LIFA inspection cameras can be used both in rectangular and round ducts, as well in vertical as in horizontal ducts. 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 Camera Robot

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

##### Set includes:

- Lifa DuckTruck mini tractor
- Portable heavy-duty field box
- TFT/LCD colour monitor
- Video cable 25 m
- Control box, with battery
- Joystick control box
- Recording device (into digital format)



#### DuctControl Manual Camera

Portable inspection camera set for vertical and small horizontal ducts.

##### Set includes:

- LifaDrop camera
- Portable field box
- TFT/LCD colour monitor
- Video cable 25 m
- Control box, with battery
- Joystick control box (for light adjustment)
- Recording device (into digital format)
- + Fiber glass rod 25m (accessory)
- + Easy upgrade to DuctControl Mini by adding Lifa DuckTruck or Lifa DC Cleaning Robot

### Customised DuctControl set

#### Lifa DuckTruck - 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
- High resolution colour camera
- Wide angle lens
- Dimensions W 150 mm, L 180 mm, H 95 mm
- State-of-the-art LED lights
- Minimum duct ø 160 mm



#### Joysticks

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



#### LifaDrop cam - for vertical ducts

LifaDrop is a colour video camera for inspecting vertical and small horizontal ducts. It is operated by dropping the camera connected with cable into the duct.

- High Resolution
- Adjustable light



#### TFT/LCD screen

Small size monitor for viewing the inspection or cleaning process live

- Industrial quality
- Flat TFT/LCD display
- Size 7"
- Resolution 1440x234



#### Control Box

- Control cable 25m
- Joystick control
- RCA video output for video recording
- Battery



#### Accessories

Glass fibre rod 25m on reel  
For pushing drop cam in small horizontal or vertical ducts

#### Video Grabber / Recorder

Device for saving video into digital format with START / STOP button (incl. in package)



#### Accessories /

Lifa Grease Comb  
Stainless steel wet film thickness gauge – measures the thickness of paint / grease, 25 micron accuracy



#### Lifa DC Cleaning Robot

Operation range from 20cm height ducts up to 70cm. Width of the cleaning robot is 24cm, weight only 8kg. Accessory to DuctControl set: driving, video picture capture and light adjustment with the same control box. Pneumatic motor rotating brush. Can also be used for coating, disinfecting and/or air-jetting at the same time with brushing.

