

Oil Purifier

Type P1

OP-TP1-230-120-03-PC

80% of all hydraulic breakdowns are linked to poor oil purity.





Description

The Danitech Type P1 Oil Purifier cleans the oil your machines depend on. Its portable design makes it the convenient way to prefilter and clean existing hydraulic systems. It is equipped with a cellulose filter that removes solid particles, degradation products and water from the hydraulic system. And its integrated particle counter informs the operator when the proper ISO 4406 cleanliness level is reached.

80% of all hydraulic breakdowns are linked to poor oil purity.

Using a Danitech Oil Purifier lets you avoid expensive oil changes and breakdowns, while saving the environment for unnecessary oil consumption.



Applications

- Testing machine cleanliness level at end of production line
- Cleaning machine oil during field service
- Filtering new oil before machine use
- Complimenting existing system filtration
- Removing free and emulsified water from a hydraulic system

Features and benefits

- Fast payback period of Oil Purifier due to oil consumption savings and fewer breakdowns/complaints
- Heavy-duty construction makes it rugged and durable
- Portable design makes it easy to move from place-to-place
- One filter to remove both solid particles and water from the hydraulic system
- Cellulose filter with 1 kg dirt holding capacity and 0,75 l water absorption for long filter element life and cost savings

- Particle counter with optional access to Danitech's Digital Control Platform for easy data visualization
- Multicolour cleanliness indicator to visually aid the operator with the filtration process
- Moisture and temperature sensors
- Extended load plate makes carrying a toolbox or other associated service equipment easier
- Integrated lifting eye bolt for ergonomic lifting of Oil Purifier
- Manufactured and tested in Denmark according to ISO 9001:2015 and ISO 14001:2015 standards
- High-quality components and materials ensure a long service life and reliability

Specifications

Supply voltage	1 x 230 V, 50 Hz*
Power consumption	0,18 kW average
Noise level	56 dBA
Filter	3 micron (98,7% of solid particles >3 micron)
Hydraulic fluids	22 – 68 cSt, ISO grade hydraulic oils
Flow rate	120 l/h
Operating pressure	Up to 4 bar
Pressure drop (filter element)	Max. 1,8 bar
Tank size	Up to 1000 l*
Monitoring elements	Particle counter, moisture sensor, temperature sensor
Media connection	Quick couplings with ISO A profile, ½" female/male
Dry weight	~62 kg



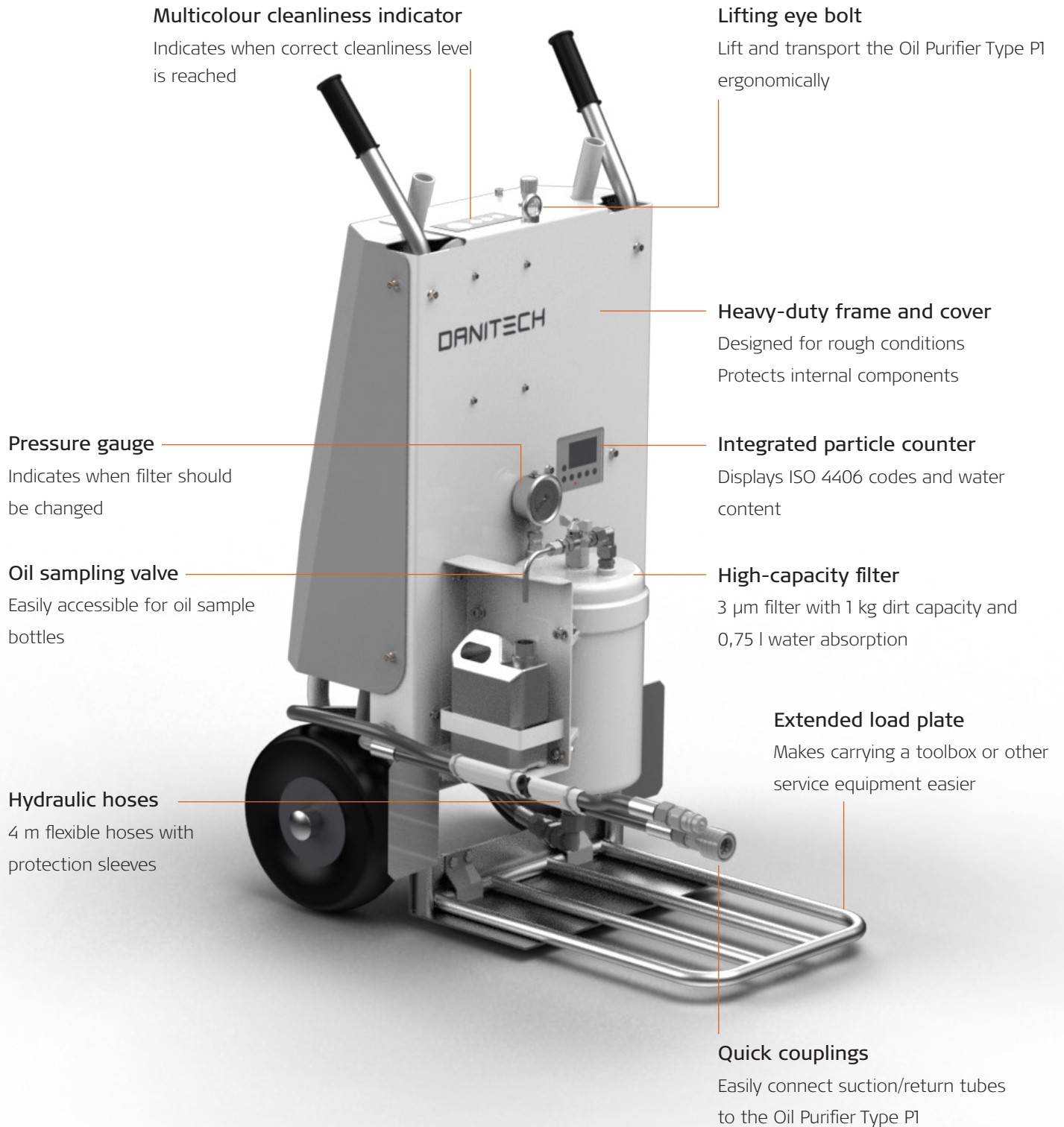
Corrosion protection	Standard painting, powder coated protection plates
Operating temperature	0°C to +40°C
Visual indicators	Multicolour oil cleanliness indicator, manometer for filter element change
Dimensions	H: ~1097 mm, W: ~537 mm, L: ~460 mm (~748 mm with extended load plate)
Power cable and plug	10 m power cable, Schuko plug*
Control panel	Start/Stop switch with thermal overload protection
Housing/Enclosure	Steel, aluminium
Options	OEM branding, retractable cable reel, Digital Control Platform** and telematics control unit

*Further variations on request

** The Digital Control Platform is full of features that help you increase sales, improve products and track performance:

- **Manage service and spare parts:** *Increase your service business with the machine-linked customer platform*
- **Control and update:** *Access machine controls and increase your functionality with software updates and new sensors*
- **Track assets and progress:** *Track your valuable machinery and keep track of their tasks*
- **Insights and reports:** *Collect valuable machine metrics and measure your performance*
- **Automations and integrations:** *Automate mundane tasks and integrate the platform with your business systems*

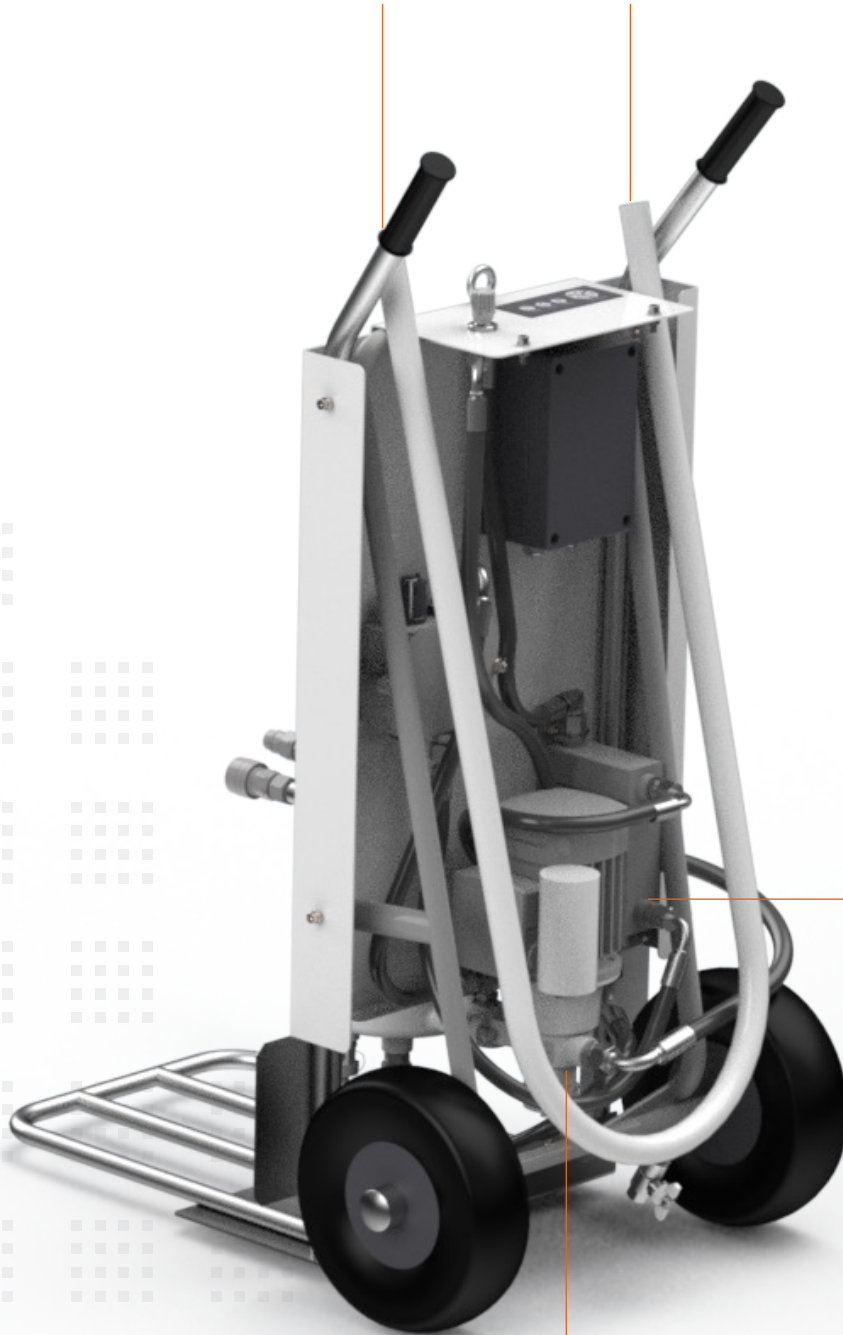
Product overview



*Custom colour option shown above



Drip tubes incl. drip valve
Keeps the work area safe and clean



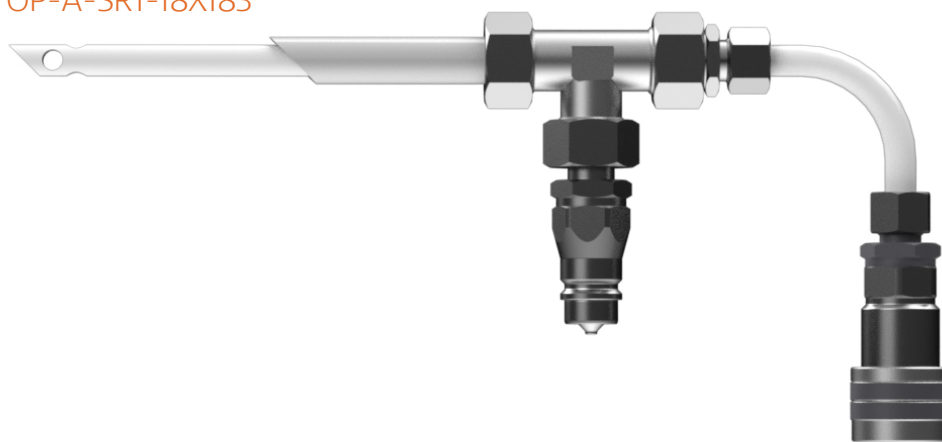
1 x 230 V
AC motor, 50 Hz

Gear pump

Parts and Accessories



OP-A-SRT-18X183



Part No.	Description
OP-A-FE-HV-1525	Filter element, High viscosity
OP-A-SRT-18x183	Suction/Return tube Ø18 for 5 l hydraulic oil tanks
OP-A-SRT-22x450	Suction/Return tube Ø22 for 25 - 60 l hydraulic oil tanks



Headquarters

Denmark

Bredholm 4
DK-6100 Haderslev
infodk@danitech.com
+45 76 34 23 00

Germany

infode@danitech.com
+49 (0) 44 88 52 054 52
+49 (0) 151 53 60 09 79

Netherlands

Energieweg 41A
NL-2382 NC Zoeterwoude
infonl@danitech.com
+31 (0) 715 417 704

Sweden

infose@danitech.com
+46 (0) 46 23 30 60

