

## Triple R Oil Cleaners + i-OC Contamination Monitoring



Excel i4 + i-OC, digital Contamination Monitoring

### Features:

- Triple R bypass oil cleaners with built-in i-OC contamination monitoring systems:
  - = Immediate indication of the contamination level according to ISO/NAS specs requirements.
  - = Operate your bypass filter more effectively, and exactly until you reached the required cleanliness level.
  - = No more messy oil samples.
  - = No guessing, no waiting for oil lab reports.
- Ideal for:
  - Improving Maintenance effectiveness.
  - Continuous monitoring of critical systems.
  - Ideal for Field Service activities.
- The Excel series effectively removes all the particles that are usually very difficult to remove with conventional filters and performs a total cleaning of the oil by removing **solid particles**, absorbing **water** and eliminating **sludge and other oil oxidation residues**.
- High Flexibility: depending on the oil type, oil temperature, viscosity and contamination load, all systems can be used with one of the different types of Triple R filter elements. M-, E-, X-, D- or WE-series.

### Benefits:

- Allows direct reading of the contamination level.
- Allows accurate control of the efficiency and effectiveness of the full-flow filters.
- Prevents problems with your Hydraulic or Lubrication equipment. Longer life of all hydraulic components, pumps, valves and associated equipment.
- Improves machine reliability and productivity.
- Significantly extends oil life. Very important reduction of oil consumption and resulting waste oil.
- Important reduction of maintenance costs.

### Typical applications:

- Perfect to reach the necessary ISO or NAS level required by the systems most sensitive components.
- Turbine oil (like gas and steam turbines in power generation)
- Critical machinery like hydraulic testing lines.
- All industrial press and critical hydraulic systems.
- Heavy duty and construction machinery.
- Also for Lube systems and high viscosity systems.

## Technical specifications

Model	Motor	Power	Max. Flow	Filter elements	In/Out	Dimensions W x L x H	Weight
Excel i1	230Vx1 50Hz	90 W	2,3 l/m	1	3/8" x 3/8"	432 x 372 x 228	16 kg
Excel i2		0,12 kW	5,0 l/m	2	1/2" x 10L	470 x 1250 x 500	25 kg
Excel i4		0,37 kW	12 l/m	4	3/4" x 3/4"	500 x 942 x 850	100 kg
Excel i6		0,37 kW	20 l/m	6	3/4" x 3/4"	406 x 1042 x 1207	115 kg
Excel i9		0,75 kW	30 l/m	9	1" x 1"	406 x 1360 x 1207	140 kg

## Filter element selection

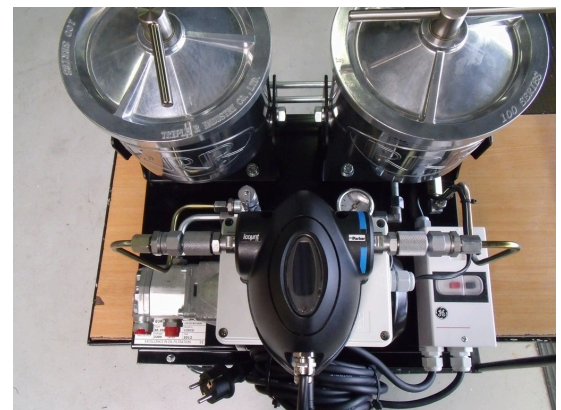
Type	Filter elements
M100	$\beta_2 > 400$ ( $\beta_3 = 969$ ) - for hydraulic oil
E100	$\beta_3 > 75$ - for lube oil and engine oil
X100	$\beta_5 > 75$ - for high viscosity oil
D100	$\beta_2 > 75$ - for very contaminated oil
WE100	<b>water absorber</b> - absorbs 900 ml/filter element



Excel i1



Excel i4



Excel i2

Above mentioned models are our standard models.  
Contact your local distributor for custom made solutions.

Examples of additional features:

- Additional first step pre-filters (10 to 50 micron)
- Pre-heaters in case of high viscosity oil.
- Water glycol version.

Your local distributor: