

## **Pneumatic collection vessel, extractor BJC 80I**



**Instructions for use**  
**Translation of the original instructions**

## **SAFETY RULES**

A used oil **extractor** is a device designed to remove oil from automotive engines and transmissions. The system is equipped with a pneumatic vacuum pump and a control tank. The maximum vacuum value reached by the pump is 0.9 bar. The maximum oil temperature must not exceed 60 °C.

**WARNING:** When using the machine, the following rules must always be observed to prevent injury as well as damage to the equipment. It is essential that the person operating the machine is trained to work with harmful substances such as automotive oils.

1. Keep the work area clean.
2. The appliance is intended for use only by qualified service personnel experienced with this type of equipment.
3. Do not use the device in a damp place. Do not expose it to rain. Ensure proper lighting of the work area. Do not operate the machine in the presence of flammable liquids.
4. Do not operate the device in the presence of children. Do not allow children to come into contact with the machine and the working area of the machine.
5. When not in use, store the appliance in a dry and enclosed area.
6. Prevent the machine from starting unintentionally by making sure the pressure switch is turned off.
7. Be alert. Do not use the machine if you feel tired.
8. Check the technical condition of the appliance. Before switching on, make sure that all parts and mechanisms are in an undamaged condition. If a fault is detected - do not start the machine until it has been repaired qualified person.
9. When repairing or replacing parts, use only original spare parts available from the equipment manufacturer. Use of non-original spare parts will result in invalidation guarantees.
10. Do not operate the machine after consuming alcohol, narcotics, as well as any drug or concentration impairing medication.
11. For safety reasons, regular technical inspection of the appliance must be carried out. This check must only be carried out by a qualified person.

**Please observe the following rules of use:**

1. The extractor must only be operated by trained personnel.
  2. Do not use solvents near the device.
  3. Do not make any changes or modifications to the relief valve.
- If abnormal operation is detected, stop work immediately and notify service.

| TECHNICAL SPECIFICATIONS |   |
|--------------------------|---|
| Function of the device   | Collection of excess oil from gearboxes and engines |
| Suitable for:            | Cars, boats, motorcycles, small engines             |
| Power                    | Compressed air                                      |
| Air supply               | 250 L/min   |
| Air pressure             | 85 ~ 115 PSI  |
| Extraction level         | 0-0,08 MPa  |
| Probe capacity 4.5 mm    | 1.2/min   |
| Probe capacity 6.5 mm    | 4.2 l/min   |
| Tank volume              | 80 litres   |
| Capacity of cylinders    | 10 litres   |
| Storage capacity         | 10 litres   |
| Operating temperature    | 40-50°C   |
| Net weight               | 25 kg   |
| Model:                   | M78305  |

**KEEP THE MANUAL AFTER READING!!!**

You may need instructions on safety, precautions, as well as in use and operation. It is also advisable to keep your proof of purchase, in case of warranty repairs.

**TRANSPORT AND UNPACKING**

When unpacking, make sure that all parts of the appliance are in place. After unpacking the appliance, make sure that it contains the user manual and that the machine itself has not been damaged in any way. **In case of defects or damage, contact your distributor immediately.** Place the appliance out of reach of children and animals.

**The package contains:**

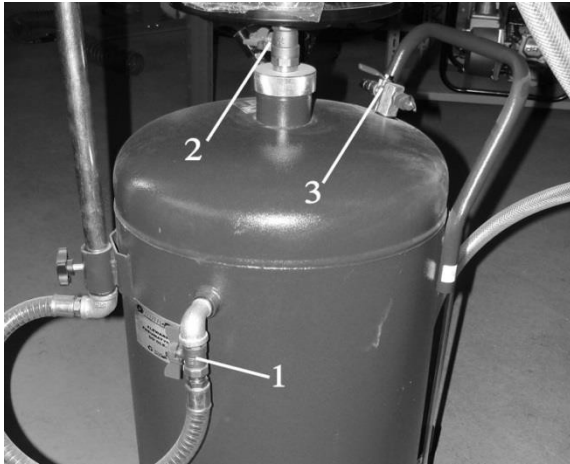
- a) Main unit
- b) 6 probes
- c) User manual.

**ATTENTION!**

To ensure safe operation, the valve closing sequence must be strictly observed during use.

**The equipment has been designed and manufactured exclusively for the purpose of oil removal. The performance of other activities is prohibited and extremely dangerous. If the tool is used for other purposes, the manufacturer is not liable.**

## Design of the device



1. Valve of the collecting bowl
2. Vacuum tank valve
3. Oil tank pressure connection
4. Oil level indicator.
5. Valve of the hose of the collecting bowl
6. Vacuum pump connection
7. Vacuum pump pressure gauge



## Operation of the instrument

### 1) Oil extraction by vacuum pump

- a) close the valve on the vacuum tank
- b) apply pressure to the vacuum pump connection
- c) wait for a vacuum to build up (watch the pressure gauge scale)
- d) place the probe in the oil
- e) open the probe valve
- f) wait until the required amount of oil has been used up.
- g) close the compressed air supply
- h) close the probe valve

### 2) Drain the oil from the vacuum tank

**MAKE SURE THERE IS NO PRESSURE IN THE TANK BEFORE POURING**

- a) open the probe valve
- b) open the vacuum tank valve
- c) wait for the oil to drain into the tank
- d) close the vacuum tank valve and the probe valve

### 3) Use a beaker

- a) place the beaker under the vehicle
- b) make sure there is no pressure in the main tank (if necessary, depressurise using the main tank pressure connection valve)
- c) open the beaker bowl valve.
- d) start draining the oil into the oil pan.
- e) close the catch basin valve when the pouring is complete.

### 4) Emptying the oil tank

- a) make sure all valves are closed
- b) Place a hose with a beaker in the waste oil tank
- c) unscrew the valve of the beaker hose
- d) apply pressure to the pressure connection of the oil tank e) wait until the tank is empty
- f) release the pressure from the oil tank pressure connection
- g) close the beaker hose valve.

THE OIL LEVEL IN THE MAIN TANK CAN BE DETECTED BY THE OIL LEVEL GAUGE (4)

**ATTENTION: To ensure adequate safety, it is essential to observe the order in which the valves are closed and opened!**

## Maintenance

### NOTE !

The safety valves must not be adjusted.

Any maintenance of the unit must be preceded by depressurization of the tanks.

Do not use cleaning agents that react with the methacrylate from which the control tank is made.

If the oil level is not visible, replace the sight tube (4) Check the pressure gauge and safety valve for damage - replace if necessary.