

Putzmeister

45^{me} DRI PORTABLE DEHYDRATOR AND FILTER

45^{me} DRI



POWERFUL AND EFFICIENT 45^{me} DRI

LEAVES OIL HIGH AND DRY

Water in hydraulic oil promotes its degradation and accelerates aging. In addition, water in a hydraulic system will increase foaming (and resultant cavitation) and reduce lubrication, resulting in costly component wear, maintenance and failure. Water is not only present as a result of ambient humidity, splash water and water ingested past hydraulic seals on cylinders, it is also present in new oil.

The Putzmeister 45^{me} Dri dehydrator and filter is specifically designed to efficiently remove free, dissolved and emulsified water and eliminate the negative effects of water and contamination on hydraulic systems. Today's enhanced model offers even more features and performance with a new digital ISO readout and a 30% greater water removal rate.

The 45^{me} Dri is a self-contained, compact and easy-to-use model that rolls into place for connection to an oil reservoir in less than five minutes. It will lower the water concentration in a typical 100-gallon reservoir from 2,400ppm to 400ppm over a 10- to 12-hour period, while at the same time removing harmful contaminants from the oil.*

With a high capacity 3 micron absolute replaceable multi-layer element filter and the dehydrator, the unit eliminates the need for expensive daily water removal cartridges found in competitive models. The dehydrator element has an expected life of four years with regular daily use.

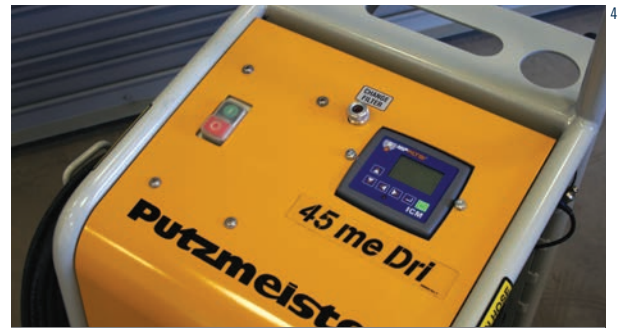
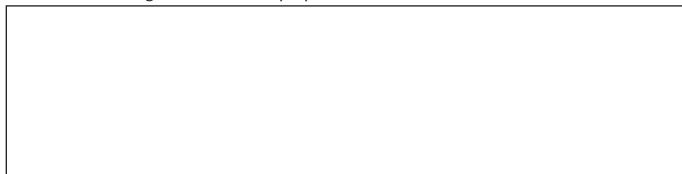


COMPACT AND PORTABLE

*Water contamination levels above 400ppm will decrease the life of hydraulic components by promoting corrosive wear. Above 1,000ppm, catastrophic failure of high-pressure piston pumps is possible, due to the resulting decrease in lubricating film strength and increase in frictional heating of the piston shoe, cylinder block and bearing surfaces. In addition, water lowers the vapor pressure of hydraulic fluids and can cause pump cavitation.

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Photos and drawings for illustrative purposes.

Authorized Distributor



ISO DIGITAL READOUT

The new ISO digital readout features a large backlit display screen, and includes an ISO meter, monitors and displays, in addition to moisture, particulate contamination and temperature levels. The meter offers an easy-to-use display, data recording and 4,000 test result memory storage. A USBi data connector, interface to a laptop or PC and RS 485 communication port complete the package.

ISO is an international organization comprised of national standards from over 75 countries. In this product category, ISO 4406/2000 refers to particulate (dirt) levels and particle sizes in fluid.

ADVANTAGES

- Efficiently removes water and dirt from hydraulic oil systems
- Extends system life and cuts costs
- Digital ISO readout
- Visual filter dirt-level gauge
- High capacity 3 micron absolute element filter
- Eliminates water removal element purchase and disposal costs
- Built-in heater for maximum water removal
- Superior performance in cooler climates
- Convenient, cost effective and economical
- Ideal for mobile and industrial systems for clean fluid transfer
- Suction and return hoses included
- Built to NEC & CE requirements
- 115 V single phase motor (Other voltages available upon request.)
- Complete with 25 foot (7.60m) power cord



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