

37 Simplex Metal Diaphragm Pump



Performs excellent especially in accurate feeding into ultra-high pressure processes. This exquisite hydraulically driven metal diaphragm pump is typically featured in precision feeding of low flow into very high pressure thanks to its mechanical durability with no allowance for process liquid permeation through the diaphragm into the hydraulic chamber.

Product Range
Qmax : 260 l/h
Pd max. : 120 MPa

38 Duplex High Pressure Diaphragm Pump



PTFE diaphragm pump can produce repeatable flows against discharge pressures up to 35 MPa. Duplex pumps are often used for reducing the pulsation spikes under high pressure operation. All pumps feature manual capacity control via micrometer hand wheel adjustment, to feed different chemical requirements.

This is widely used in various chemical process and foaming process.

39 Rotating Direction Indicator for Motors TRC



The TRC is an easy-to-use device to check the rotating direction of Teikoku Canned Motor Pumps whose rotating units are all fully enclosed thus invisible from outside. This pocket sized, portable instrument can also be used to check the direction of rotation of regular induction motors.

66.5W x 92L x 28T
Power by battery, 9V

40 Insulation Oil Cleaner, model TK



Cleaning unit for the insulation / cooling oil in transformers at power generating and transmission facilities.

The insulation cooling oil in transformers gets deteriorated by the contaminant such as carbon/metallic particle which is mostly the result of arcs generated by the switch over. The cleaner unit primarily, consists of a pump and a filter to trap these residues and restore the oil back to its virgin quality.

Filtration capability: 0.03 μ m
Filtration capacity : Carbon 400 g
Moisture 200 ml
Filter flow rate : 10 l / m
Size : 525L x 588W x 877H

41 Electric Magnet

This magnet is for use in electron-accelerators weighing from just a few kgs to as much as 1,000 kgs. Several types has been developed such as deflection-type, 4-poles type, steering-type, or septum-type.

Photo shows a layer-built skewed 4-poles electric magnet used in a storage-ring of SPring-8 and is tailor-made to fit the relevant vacuum chamber. SPring-8 is reportedly the world largest radiation-beam R&D complex located in Hyogo, Japan.

