

# uf-Series Micro Pumps for HPLC



**uf-3005 SZB2**



**uf-4005 SZB2**



**uf-6010 SZ2**

- uf-3000 B2 Series** uf-3000B2 series is the plunger type pump directly driven by micro stepping motor by means of ball screw. With the pressure sensor, drain valve and pulse damper built in, the micro pump will provide a stable liquid feeding with minimized pulsation in constant flow rate or constant pressure mode.
- uf-3000 FB2 Series** uf-3000FB2 series is the plunger type pump directly driven by micro stepping motor by means of ball screw. Strong acid can be pumped since the liquid contact parts are made of fluorine resin, sapphire, ruby and alumina. With the pressure sensor, drain valve and pulse damper built in, the micro pump will provide a stable liquid feeding with minimized pulsation in constant flow rate or constant pressure mode.
- uf-4000 B2 Series** uf-4000B2 series is the plunger type pump directly driven by micro stepping motor by means of ball screw.
- uf-4000 FB2 Series** uf-4000FB2 series is the plunger type pump directly driven by micro stepping motor by means of ball screw. Strong acid can be pumped since the liquid contact parts are made of fluorine resin, sapphire, ruby and alumina.
- uf-6000-2 Series for Column-Packing** uf-6000-2 series for column packing is the linear-cam and dual plunger type pump. With the pressure sensor, drain valve and pulse damper built in, the micro pump will provide successful column-packing under optimum conditions by feeding in constant pressure mode with the external settings of the maximum flow rate and pressure.
- uf-6000-2 Series** uf-6000-2 series is the linear-cam and dual plunger type pump to be used for analytical and high pressure preparative works. With the pressure sensor, drain valve and pulse damper built in, the micro pump will provide a stable liquid feeding with minimized pulsation in constant flow rate or constant pressure mode.
- uf-6000-F2 Series** uf-6000-F2 series is the linear-cam and dual plunger type pump to be used for analytical and high pressure preparative works. Strong acid can be pumped since the liquid contact parts are made of fluorine resin, sapphire, ruby and alumina. With the pressure sensor, drain valve and pulse damper built in, the micro pump will provide a stable liquid feeding with minimized pulsation in constant flow rate or constant pressure mode.
- uf-7000B2 Series** uf-7000B2 series is the plunger type pump directly driven by micro stepping motor by means of ball screw. This series will cover a wide range of applications from quick-return pump for micro volume feeding with short-stroke to be used with reaction liquid to high flow rate pumps for preparative works.
- uf-7000FB2 Series** uf-7000FB2 series is the plunger type pump directly driven by micro stepping motor by means of ball screw. Strong acid can be pumped since the liquid contact parts are made of fluorine resin, sapphire, ruby and alumina. This series will cover a wide range of applications from quick-return pump for micro volume feeding with short-stroke to be used with reaction liquid to high flow rate pumps for preparative works.
- uf-20000 Series** uf-20000 series is the linear-cam and dual plunger type pump with the AC servo motor to be used for column packing and high pressure preparative works. For column packing, the constant pressure flow mode is generally used. When the pump starts to work, it runs at a constant flow rate. When the pressure reaches its maximum setting, the maximum pressure is maintained with the flow rate down. After the column packing is finished, the flow rate increases to the set point so that the washing liquid flows at a constant flow rate.