

SCU-1600 Control unit

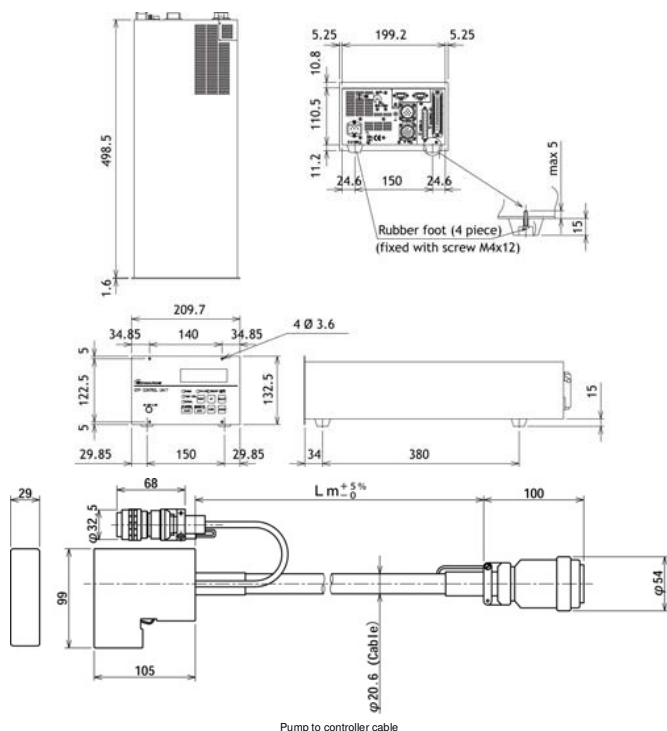


The fully digital SCU-1600 turbo pump control unit is compatible with STP turbo pumps ranging from 2000 ls⁻¹ to 4500 ls⁻¹. It provides reliability, enhanced communication and pump compatibility with reduced back-up unit requirements and minimized overall cost of ownership.

Features & Benefits

- Advanced pre-maintenance function
- Precise maintenance timing
- Two stage warning messages
- Rotor imbalance monitoring
- Back-up bearing damage monitoring

Dimensions



Applications

- STP-A2203/2503/2803/3003/3503
- STP-F2203
- STP-XA2703/3203/4503
- STP-XH2603/3203

Technical Data

Magnetic bearing control system	Digital control
Input voltage	200 – 240 ±10 V a.c.
Power consumption (without Temperature Management System, TMS)	Max 1600 VA
Power consumption (with TMS)	Max 2100 VA
Input frequency	50/60 ±2 Hz
Leak current	3.5 mA
Main breaker rated current	15 A
Motor drive system	3-phase d.c.
Allowable ambient temperature	0 to 40 °C (32 to 104 °F)
Weight	12 kg
TMS control unit	Built-in
Serial communication function (RS232/RS485)	Standard
Operation switch	Start, Stop, Reset, Select, Up, Down, Enter, Manual/Remote
Panel display	LCD

Ordering Information

Product Description	Order No.
SCU-1600 Turbo Pump Control Unit	YT76Z0Z00
Accessories & Spares	Order No.
Power cable, 5m	YT76Y0A01
Power cable, 10m	YT76Y0A02
Power cable, 15m	YT76Y0A03
Power cable, 20m	YT76Y0A04
STP straight connection cable, 5m	B75030010
STP straight connection cable, 10m	B75030040
STP straight connection cable, 15m	B75030220
STP straight connection cable, 20m	B75030230