

Well Flow Management

Fluids Sampling and Analysis

E-Clock

E-Clock is designed to fire the SRS/PCS sampler at a preset time. It can be set to trigger in the time range of 1 minute to 4,800 minutes (80h) or up to 9,600 minutes (160h) when an extended capacity battery is used. The accuracy of the E-Clock is within ± 5 minutes/day.

Features

- Can be operated in wells with high pressure and temperature without compromising safety
- The maximum working temperature of E-Clock is 300°F/150°C (it can be exposed once for maximum 350°F/180°C but must be serviced after)
- The battery can be used for a total of 80 hours or 160 hours when an extended capacity battery is used
- High torque geared BLDC motor
- Very long countdown time
- High level of accuracy
- High level of reliability

Battery types

Standard battery

Operational temperature	-20°C to +150°C
Open circuit voltage at 25°C	11.7 V at 25°C
Rated capacity	0.8 Ah

Extended capacity battery

Operational temperature	-20°C to +150°C
Open circuit voltage at 25°C	11.7 V at 25°C
Rated capacity	1.6 Ah

High temperature battery

Operational temperature	-70°C to +200°C
Open circuit voltage at 25°C	7.2 V at 25°C
Rated capacity	1.1 Ah



Technical specifications

Operational temperature	0°C to 180°C
Overall diameter	30mm
Total make up length (excluding cone)	325mm
Total weight (including battery)	0.72kg
Power consumption (only electronics)	3 mA
Power consumption (including motor)	50 mA to 100

For more information contact your local Expro representative or email fluids@expro.com