

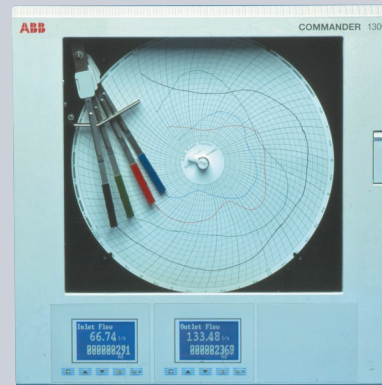
C1300 Advanced Circular Chart Recorder



Unleash the power of your data

ABB's new C1300 advanced circular chart recorder combines established paper chart recording technology with the latest advances in electronic data collection, giving you more power than ever before to use your recorded data to its full potential.

Building on ABB's successful COMMANDER recorder range and based on customer feedback, the C1300 features a host of new developments to provide a powerful and flexible data recorder for water and waste water treatment applications.



Say goodbye to complexity

With the C1300, you can say goodbye to the time and complexity of setting up and operating traditional recorders. Push button controls and commands displayed in full English on the unit's LCD panels help speed up the set-up process and eliminates the need for specialist knowledge.

Not only that, but we've also included a configuration back-up port, enabling you to configure your C1300 simply by plugging it into your PC. Using this facility, you can now copy configuration files between different recorders, ideal wherever you may have multiple units installed.

For totalization applications, the C1300 can also automatically program itself to calculate relationships between different volumetric and instantaneous flow values, removing the headache of carrying out complex manual calculations. You can also program the totalizer to reset at specific times to automatically gather daily, weekly or monthly totals.

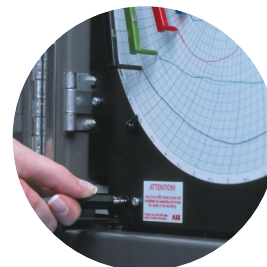
See things more clearly

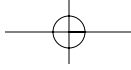
Collecting and reviewing data is also hassle-free with the C1300. In the past, reviewing data, particularly totalization values, has been hampered by the lack of available display space. This is now overcome by the LCD panels, which can display multi-digit totalization complete with channel tag and engineering unit values.

Get the most from your data

The C1300 lets you do more with your data. To date, traditional chart recorders have only been able to show history of instantaneous flow rates, meaning totalizer values commonly need to be manually collected on a daily basis even where units are installed in isolated locations.

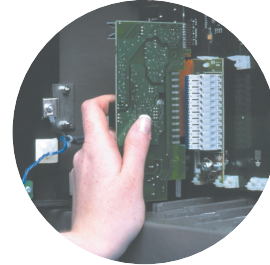
By including datalogging technology from our successful SM series videographic recorder range, the C1300 lets you view your data how you want to, when you want to. Totalizer data can be automatically collected on a daily, weekly or monthly basis. This history can then be reviewed on the unit's LCD display panels.





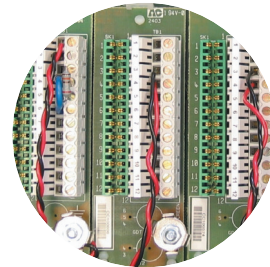
Flexibility to meet your needs

As your needs grow, so can the C1300. Upgrading the unit couldn't be easier. Plug-in modules let you add extra recording channels, relay outputs, math capabilities and totalizers all without having to remove the unit.



Install anywhere

Whether your installation space is dark, bright, wet or in the middle of nowhere, or calls for wall, panel or pipe mountings, the C1300 is the ideal choice. Full IP66 and NEMA 4X protection makes the C1300 suitable for use in the wettest through to the dustiest locations. The unit's backlit, transfective display also lets you see your data clearly at any time of the day or night.



Wiring up the C1300 is trouble-free, thanks to the use of detachable terminal blocks which let you easily connect input and output wiring.

Typical applications

The added features crammed into the C1300 make it the ideal choice wherever data needs to be recorded and collected around the water production and waste water treatment cycle, including:

- Potable water treatment plant
- Sewage pre-treatment process
- Borehole abstraction
- Aeration and digestion process
- Water storage
- Sludge incineration plant
- Pumping/booster stations
- Final discharge monitoring

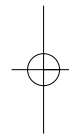
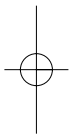


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