

BAUER CRC™

AUTOMATIC FILLING OF SCBA AND SCUBA CYLINDERS
TO THE DESIRED FINAL PRESSURE AND CHARGE RATE



BAUER CRC™

CHARGE RATE CONTROL

The BAUER Charge Rate Controller (CRC) has been designed to automatically fill SCBA and SCUBA cylinders to their maximum allowable pressure as well as allow the operator performing the fill to control the charge rate avoiding hot fills and maximize stored air in the cylinders.



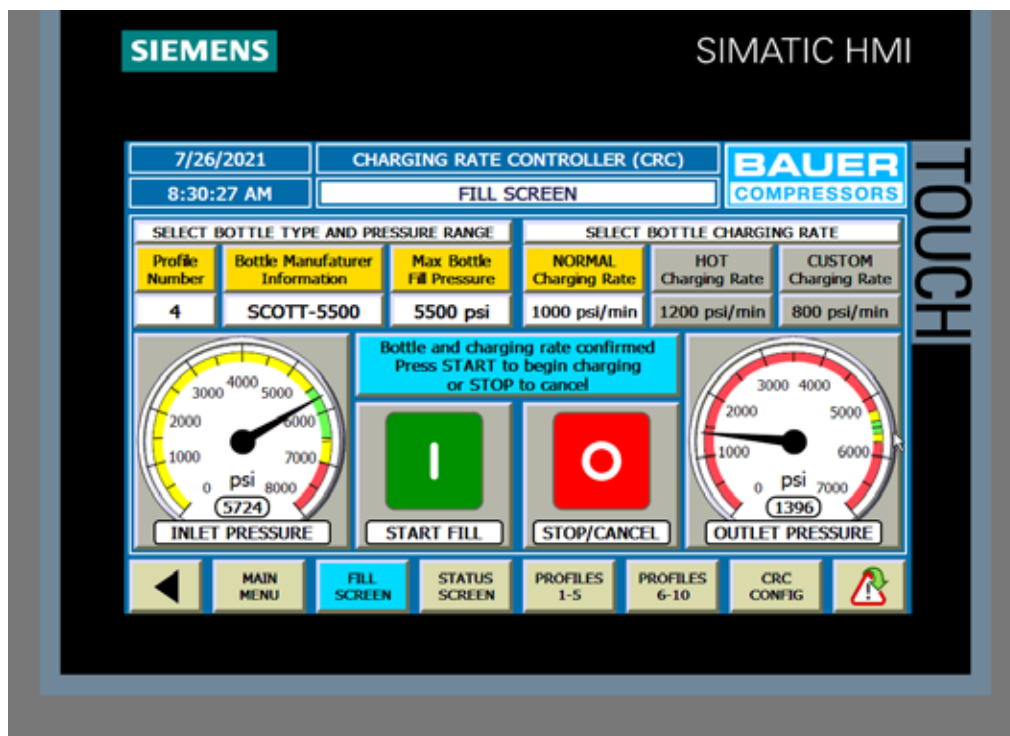
BENEFITS:

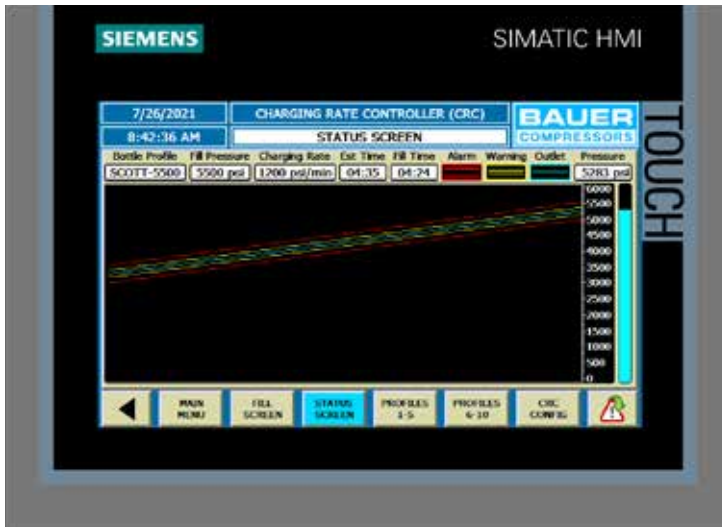
- › Reduce complexity - No more fidgeting with dials; the BAUER CRC™ automatically charges SCBA and SCUBA cylinders to the right pressure with the push of a button.
- › Avoid “hot fills”, maximize stored air - Filling SCBA or SCUBA cylinders too fast will decrease the stored air in the cylinder when the cylinder cools down after charging. The BAUER CRC™ avoids this by controlling the rate of charge.
- › Allows for three different charge rate settings with the push of a button
- › Can be adapted to existing BAUER compressor systems

OPERATION:

The BAUER CRC™ makes automatic filling of an SCBA or SCUBA cylinder easy with these three steps:

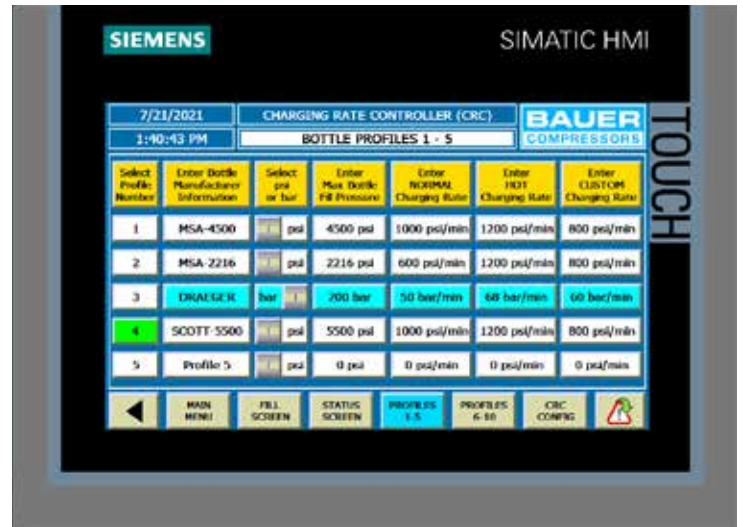
- › **Step 1:** From the main menu select the SCBA or SCUBA cylinder you wish to fill
- › **Step 2:** Select the desired charge rate from one of three options: Normal, Hot Fill or Custom
- › **Step 3:** Press “Start Fill”





STATUS SCREEN

Indicates Fill Rate & Cylinder Pressure



CUSTOMIZABLE CYLINDER PROFILE SCREEN

FEATURES

- › PLC controlled with color HMI touchscreen
- › Select from up to 10 customizable SCBA or SCUBA cylinder configurations, each with their own name designation and max fill pressure
- › Select from up to three customizable charge rates
- › Fill rate is accurately controlled with BAUER's proprietary technology
- › Compatible with cascade storage and containment fill stations
- › Field retrofit to existing BAUER compressor systems
- › Easy installation: wall mountable; requires only two high pressure hose connections and plug-in 110V power

SYSTEM SPECIFICATIONS

DIMENSIONS L x W x H

- › 7.5" x 21" x 26" (190.5mm x 533.4mm x 660.4mm)

WEIGHT

- › 40 lbs (18 kg)

MAXIMUM INLET PRESSURE

- › 6000 PSIG (414 BAR)

MAXIMUM FILL PRESSURE

- › 5500 PSIG (379 BAR)

HIGH-PRESSURE CONTROL PRESSURE PORT:

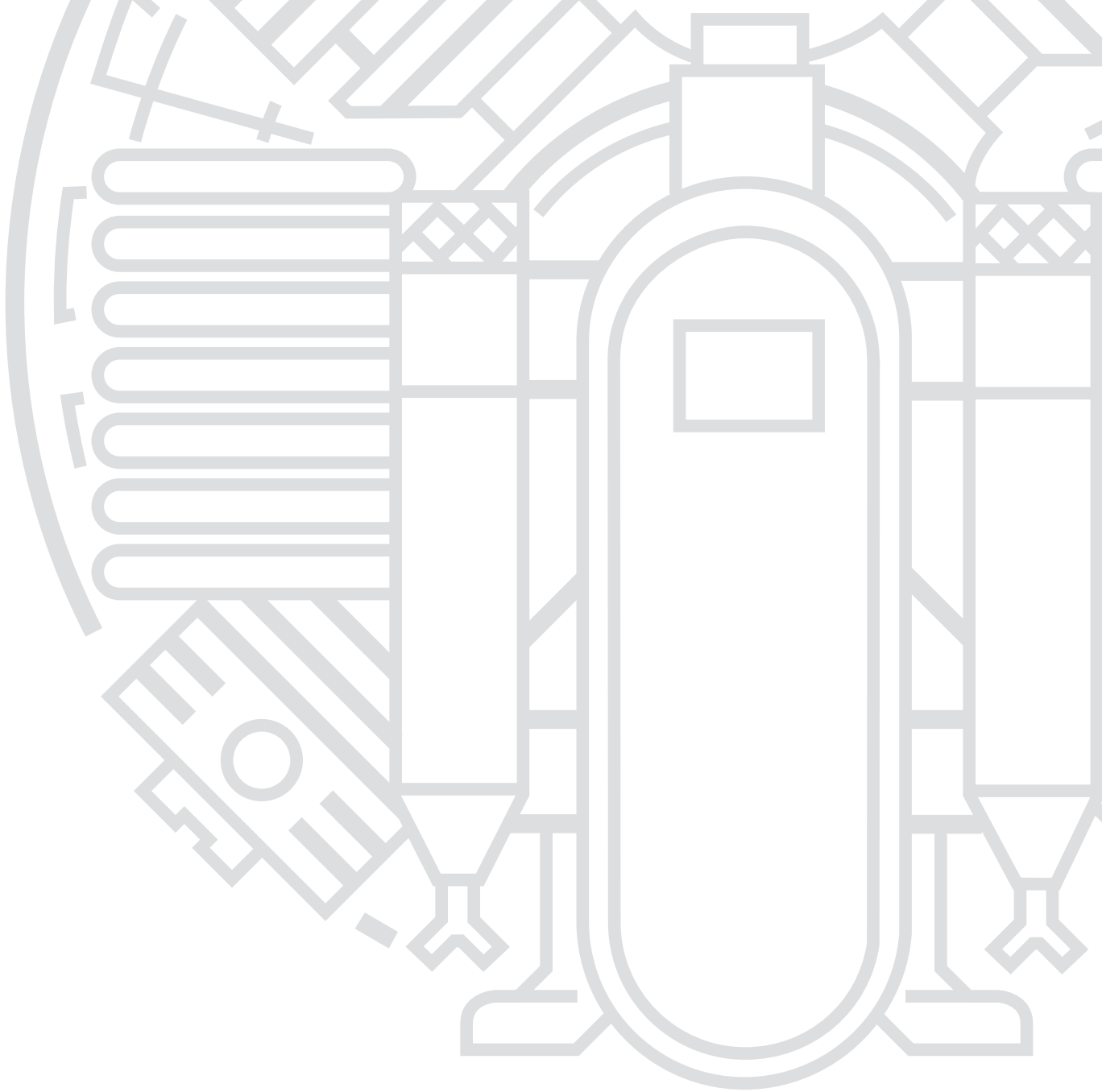
- › 1/4" NPT female

HIGH-PRESSURE FILLING INLET PORT:

- › 1/4" NPT female

HIGH-PRESSURE FILLING OUTLET PORT:

- › 1/4" NPT female



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Subject to technical changes