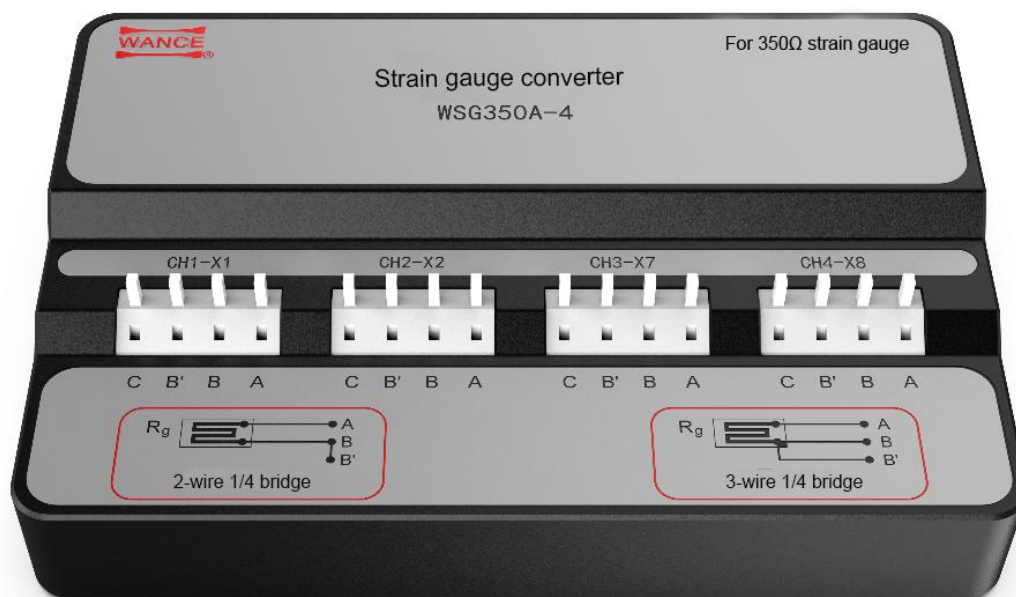


## Strain gauge converter

WANCE designed strain gauge data converter which can be directly connected to WANCE own DTC500 controller. This will provide directly strain control by test software.

One model WSG120A-4 is for 120 $\Omega$  strain gauge, while WSG350A-4 is for 350 $\Omega$  strain gauge.



- Channel: 4 channels, directly connect to WANCE controller
- Real-time strain control
- *The differential signal is transmitted between the strain gauge and the controller, which has excellent anti-interference property.*
- *The measuring range is  $\pm 60000\mu\epsilon$ , the maximum sampling frequency is 1200Hz, the resolution is  $0.1\mu\epsilon$ , and the minimum strain rate is  $0.1\mu\epsilon/s$ .*
- *The strain gauge is connected in 1/4 bridge mode, supporting two-wire system and three-wire connection, which eliminates the effect of cable resistance and supports a variety of compensation methods.*