



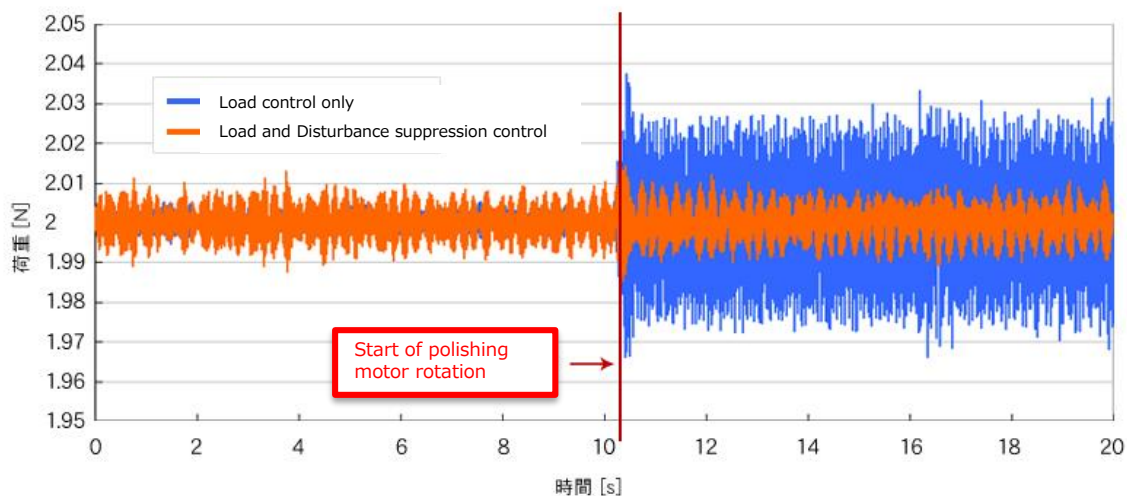
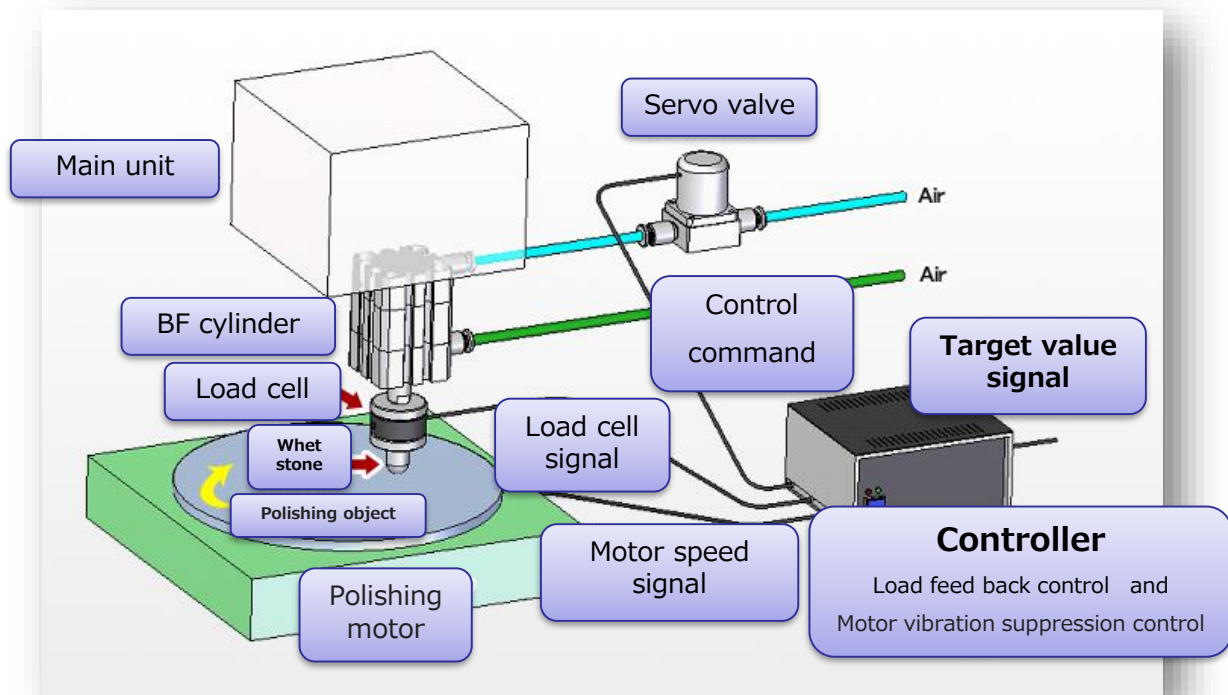
“Load control unit”

We will propose products / units that can meet customers' requests.

Please contact us if you are having trouble with load control.

■ Case1.

Unit for removing load fluctuation due to vibration



It is data comparing when disturbance suppression control is turned on and not turned when the polishing motor is rotated during load control with the target load value set to 2 [N]

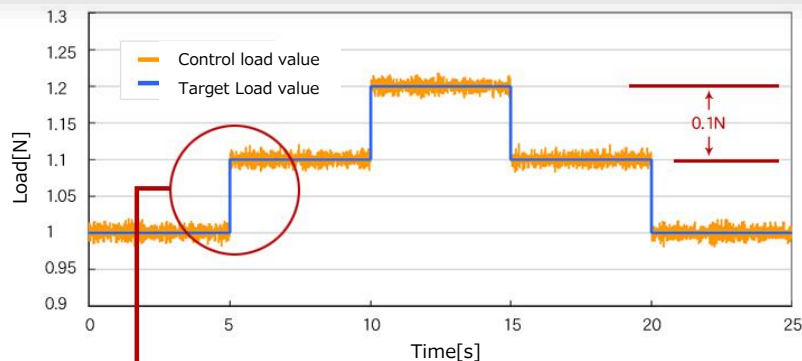
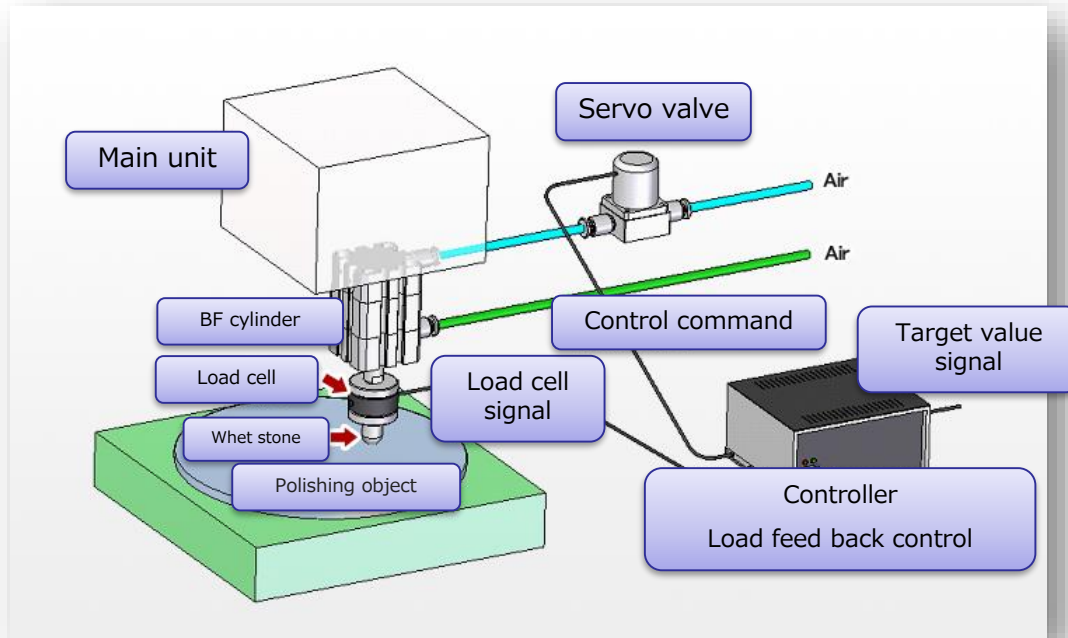
When the polishing motor is operated, vibrations corresponding to the number of revolutions are generated, but load fluctuation can be suppressed by performing disturbance suppression control.



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■ Case2.

Unit that follows a minute step target value at high speed.



The control load value when the step signal is input as the target load signal.

It can accurately follow up to a minute step of 0.1 [N] at high speed.



Enlarged view of red circle part in the above figure.

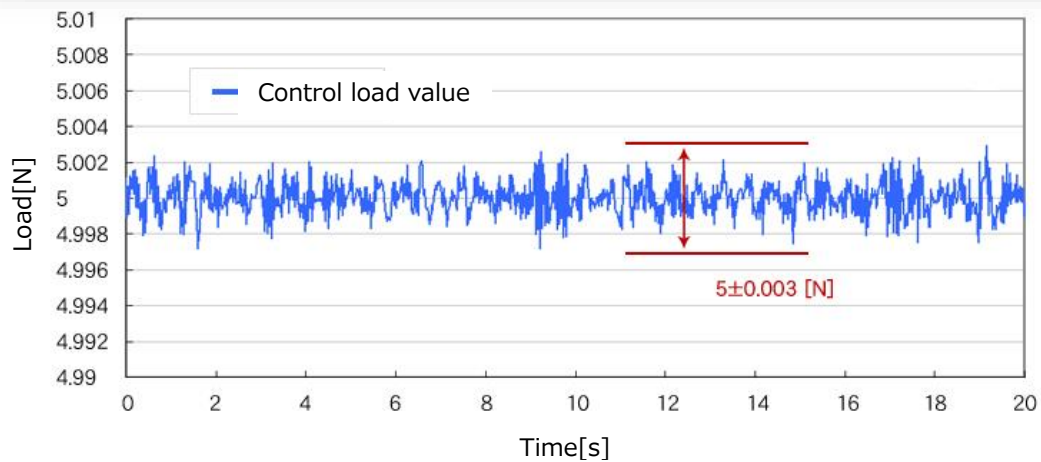
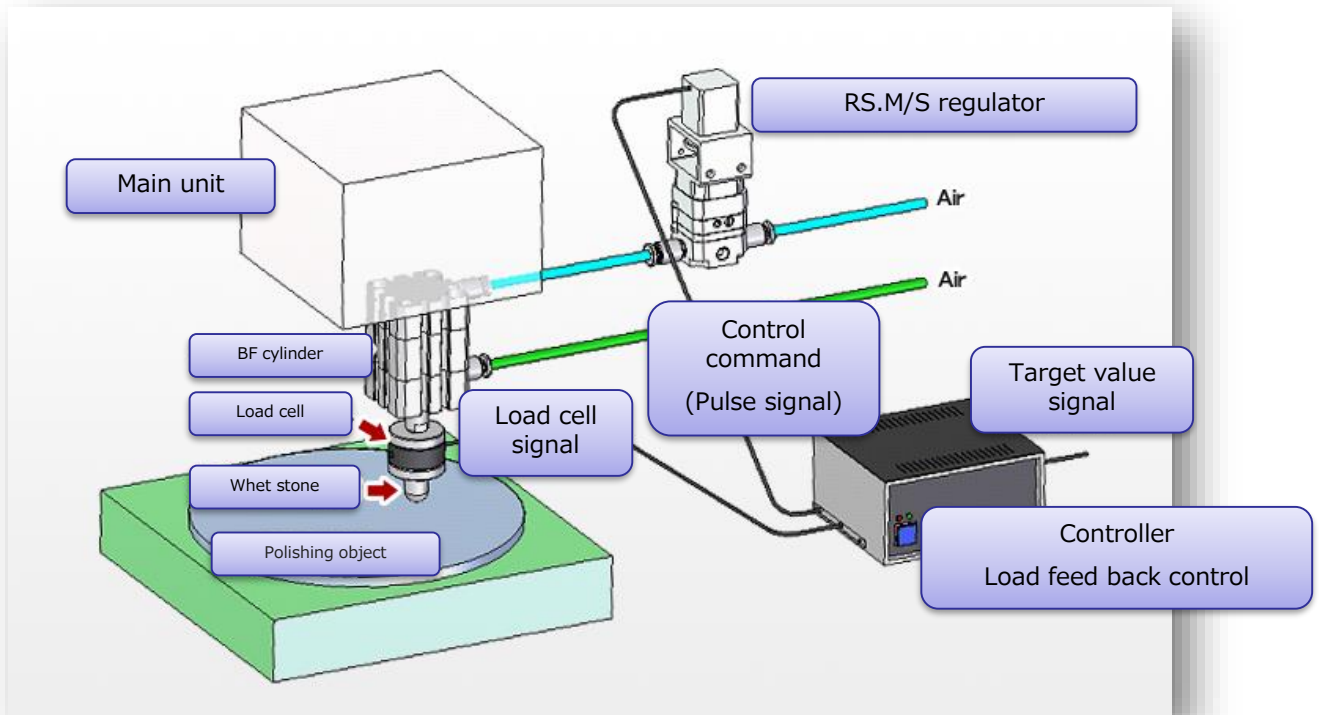
The following time to the target value is about 0.02 seconds!



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■ Case3.

Unit that minimizes minute load fluctuations.



The control load value when the target load value is 5 [N].

The target load value ± 0.003 [N] can be controlled by using the stepping motor driven precision regulator "RS.M / S series" which have excellent resolution.

We can be realized specifications that other companies could not do. We will introduce you what our customers had troubled and what we have solved.



**FUJIKURA
COMPOSITES**

Contact us

Control Equipment
Head office: TOC Ariake East Tower 10F, 3-5-7 Ariake,
Koto-ku, Tokyo, Japan 135-0063
TEL +81-3-3527-8573
E-mail: seigyotoiawase.en@fc.fujikura.co.jp
URL: <http://www.fujikura-control.com/>