【CLAIMS】

1. A device for obtaining C.G.S injection control chart for seismic retrofitting and controlling quality, the device comprising:

a pump unit which injects a grout into the ground in predetermined quantities per unit time at an injection pressure that is a predetermined static pressure and includes a control module which controls at least one or more of the unit time for injecting the grout in predetermined quantities and the injection pressure of the grout;

a sensor unit which is placed adjacent to the discharge port of the grout of the pump unit in order to measure a discharge pressure which is a pressure at which the grout injected into the ground through the pump unit is discharged from the pump unit; and

a monitoring unit which calculates injection control charts which are the value obtained by dividing the discharge pressure measured by the sensor unit by the injection quantity per unit time of the grout supplied by the pump unit, for each depth at which the grout is injected, and determines whether the numerical value of the variation amount of the injection control chart for each depth varies;

wherein the control module controls the grout injection pressure to be lower than the predetermined static pressure when the value of the variation amount for each depth in the

injection control chart calculated from the monitoring unit increases, and increases the unit time for injecting the grout in predetermined quantities when the value of the variation amount for each depth in the injection control chart decreases.

2. The device of claim 1, wherein the pump unit comprises at least one of a speed module which adjusts the unit time for injecting the grout in predetermined quantities, and a pressure module which controls an injection pressure of the grout.

3. The device of claim 1, wherein the monitoring unit comprises an information providing module which provides a user with information on the injection control chart calculated by the monitoring unit for each injection depth at which the grout is injected.

4. The device of claim 1, wherein the monitoring unit comprises an alarm module which notifies the user of the variation when the variation amount for each depth in the injection control chart is varied.