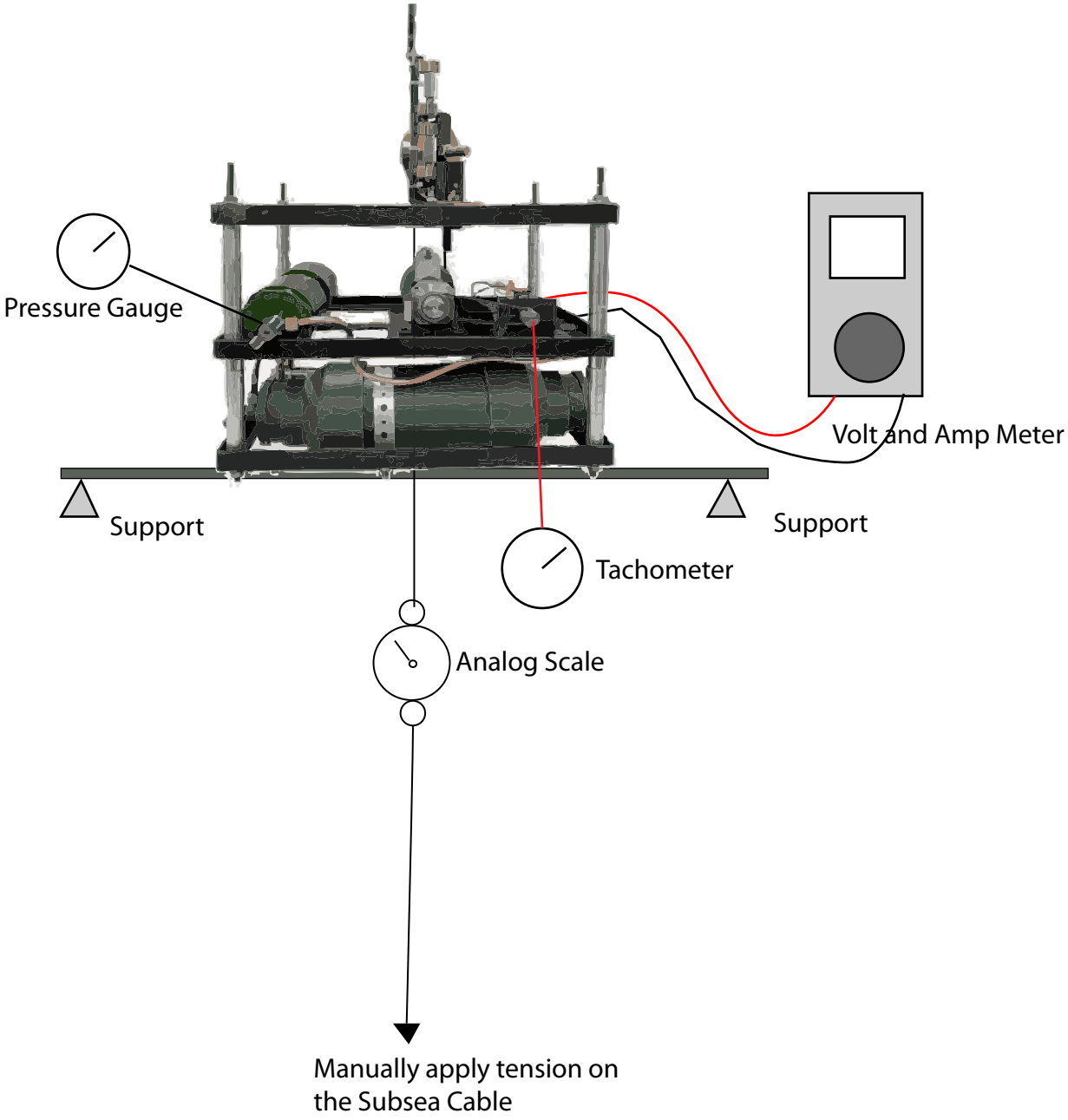
2.5 - 4 Watt Model Testing Procedure



Test Procedure

A number of tests were run to measure the PTO performance over the model's operating range (0 to 59 rpm). The amount of cable force needed produce power over the operating range was measured by observing an analog scale that measured the tension in pounds, while tension was being applied to the subsea cable. For the test, the tensioner nitrogen/hydraulic pressures were set at 60 psi. Additional tests were done to measure the forces needed by each of the major components (tensioner, cable drum assembly and gearbox, and generator) over the operating range of the model.