

Calibration method for Load Cell (TF20D)

1. Put and fix the load cell in vertical position
2. Verify that the value indicated on the display is 0.0 kg (zero). In case that the number on the display is not zero, make an adjustment using the trim screw "ZERO"
3. Apply a load of 199.9 kg (one hundred, ninety nine dot nine),
4. Verify that the value indicated on the display is 199.9kg (one hundred and ninety). In case that the number on the display is not 199.9kg (one hundred, ninety nine dot nine), make an adjustment using the trim screw "SPAN"
5. Repeat the point 2
6. Apply loads, as reported on the following tab.1
7. For each load applied, read the value showed on the display and record it on tab. 1
8. Calculate the error values (with respect to applied load and with respect to full working range) for each load applied
9. Record the errors values on tab.1

Acceptable limits:

- The load cell is usable if all error values are lower than $\pm 2\%$

Tab.1

Applied load [Kg]	Measured Load [Kg]	Error w.r.t. Applied load [%]	Error w.r.t.full working range [%]
0			
40			
80			
120			
160			
199.9			
160			
120			
80			
40			
0			