



**APPROVALS**



**Interchangeable Products**

- RICE LAKE WEIGHING SYSTEMS  
**RL2000SS** ..... page 121
- RICE LAKE WEIGHING SYSTEMS  
**RL2000ST** ..... page 122

**Weigh Module Available**

- RICE LAKE WEIGHING SYSTEMS  
**ITCM Isolated Tension Cell Mount** ..... page 46

**Specifications**

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
350 (± 3.5) ohm
- Input Resistance:**  
390 (± 15) ohm
- Material/Finish:**  
Stainless steel
- Temperature:**  
Compensated range  
14°F to 104°F (-10°C to 40°C)  
Operating range  
0°F to 150°F (-18°C to 65°C)

- Seal Type:**  
Environmentally sealed, IP67
- Safe Overload:**  
150% full scale
- Rated Excitation:**  
5- 10 VDC (15 V maximum)

- Combined Error:**  
0.025% full scale
- Non-repeatability:**  
0.01% full scale

- Insulation Resistance:**  
5,000 megohms

- Cable Length:**  
20 ft (6.1 m)

- Cable Color Code:**  
Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal

- Warranty:**  
One-year limited warranty

- Approvals:**  
cFMus  
NTEP

**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
50-300	1/4-28 UNF	0.65	0.46	2.00	2.40
500-1,500	1/2-20 UNF	0.90	0.71	2.00	2.40
2,000-2,500	1/2-20 UNF	1.13	0.96	2.00	2.40
3,000	1/2-20 UNF	1.13	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90
10,000	3/4-16 UNF	1.40	1.21	2.94	3.90
15,000	1-14 UNS	1.63	1.46	3.44	5.50
20,000	1 1/4-12 UNF	1.88	1.68	4.44	7.00
<b>kg/mm</b>					
22.7-136.1	1/4-28 UNF	16.5	11.7	50.8	61.0
226.8-680.4	1/2-20 UNF	22.9	18.0	50.8	61.0
907.2	1/2-20 UNF	29.2	24.4	50.8	61.0
1,360.8	1/2-20 UNF	29.2	24.4	76.2	99.1
2,268.0-4,535.9	3/4-16 UNF	35.6	30.7	76.2	99.1
6,803.9	1-14 UNS	41.4	37.1	87.4	139.7
9,071.9	1 1/4-12 UNF	47.8	42.9	112.8	177.8

**Order Information**

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified</b>			
100 lb	45.4 kg	31317	2 lb Consult
200 lb	90.7 kg	31316	2 lb Consult
300 lb	136.1 kg	31315	2 lb Consult
500 lb	226.8 kg	31314	2 lb Consult
750 lb	340.2 kg	31313	2 lb Consult
1,000 lb	453.6 kg	31312	2 lb Consult
1,500 lb	680.4 kg	31311	2 lb Consult
2,000 lb	907.2 kg	31310	2 lb Consult
2,500 lb	1,134.0 kg	98875	3 lb Consult
3,000 lb	1,360.8 kg	31309	4 lb Consult
5,000 lb	2,268.0 kg	31318	4 lb Consult
10,000 lb	4,535.9 kg	31308	4 lb Consult
<b>Non-NTEP Certified</b>			
50 lb	22.7 kg	17076	2 lb Consult
15,000 lb	6,804.0 kg	165260	7 lb Consult
20,000 lb	9,072.0 kg	165261	13 lb Consult

