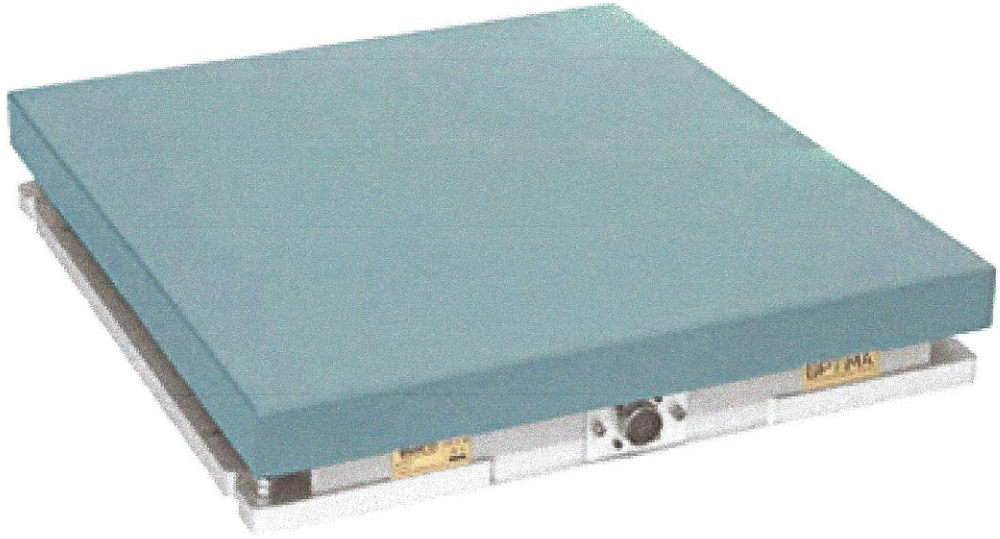


## OPT464508HF-2000 SPECIFICATIONS

AMTI's OPT464508HF is part of the OR6-6 product line, the most advanced, rugged platform system available. Key features include:

- Average COP accuracy of a millimeter (typical)
- Crosstalk values typically <math>\pm 0.05\%</math> at applied load
- Measurement accuracy of applied load\*



The OPT464508HF is ideal for applications that require a high frequency response. It fits into existing installations, the same size as the OR6-6. (Note: This platform has been designed with identical dimensions to AMTI's OR6-6.)

Units:  Capacity:

<b>Dimensions (WxLxH)</b>	464 x 508 x 82.55 mm	<b>Mounting hardware</b>	Recommended
<b>Weight</b>	18.18 Kg.	<b>Sensing elements</b>	Strain gage bridge
<b>Channels</b>	Fx, Fy, Fz, Mx, My, Mz	<b>Amplifier</b>	Required
<b>Top plate material</b>	Composite	<b>Analog outputs</b>	6 Channels
<b>Temperature range</b>	-17.78 to 51.67°C	<b>Digital outputs</b>	None
<b>Excitation</b>	10V maximum	<b>Crosstalk*</b>	$\pm 0.05\%$ on all channels
<b>Fx, Fy, Fz hysteresis</b>	$\pm 0.2\%$ full scale output	<b>Measurement Accuracy*</b>	$\pm 0.1\%$ of applied load
<b>COP Accuracy*</b>	$\pm 0.2$ mm.		

\*Typical value; minimum applied load of 50 lbs

Channel	Fx	Fy	Fz	Units	Mx	My	Mz	Units
Capacity	4448	4448	8896	N	2258	2258	1129	N-m
Sensitivity	0.337	0.337	0.0843	$\mu\text{V}/\text{V-lb}$	0.797	0.797	1.68	$\mu\text{V}/\text{V-in-lb}$
Natural frequency	550	550	1000	Hz	-	-	-	Hz

Published specifications subject to change without notice.