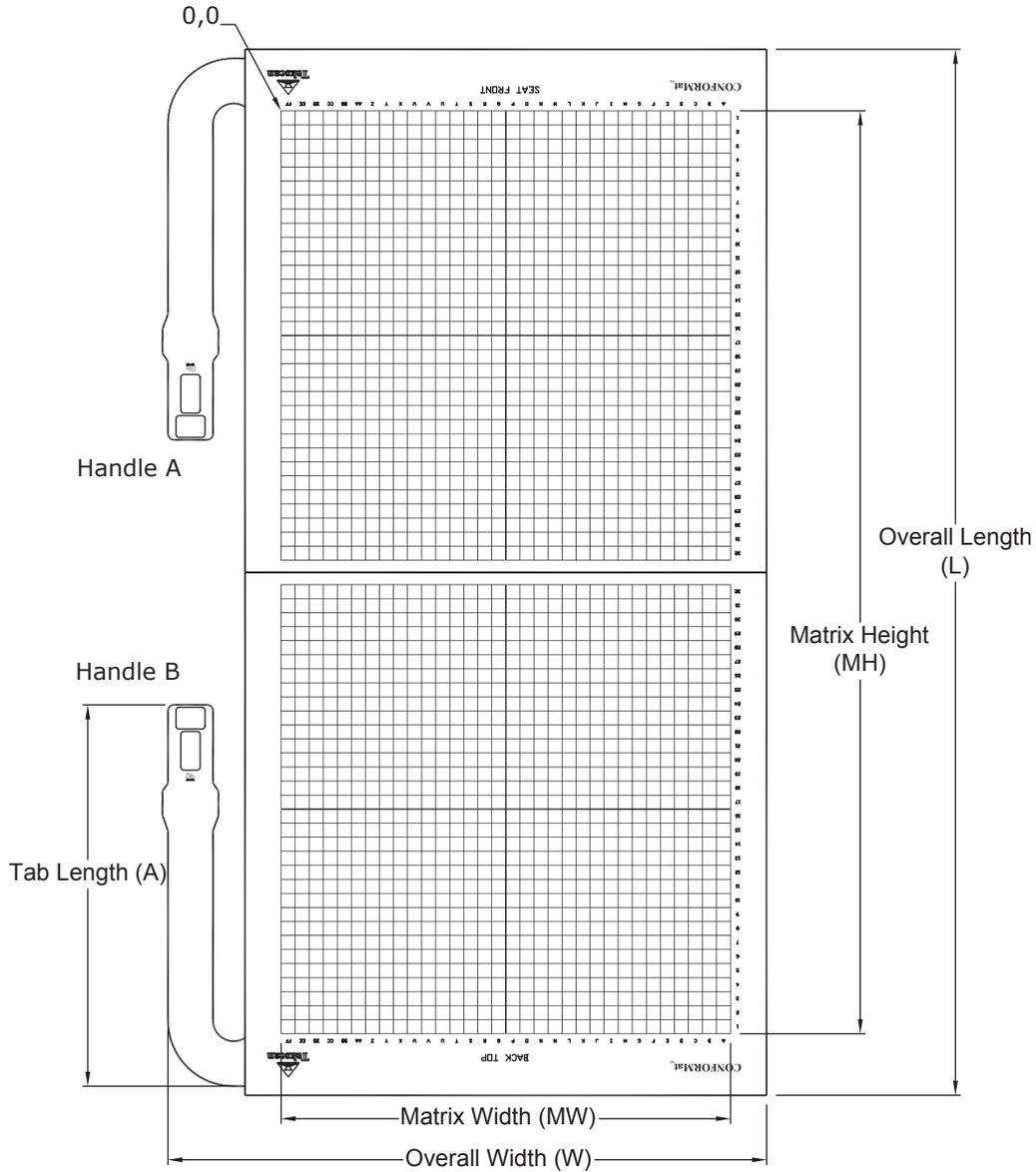


PRESSURE MAPPING, FORCE MEASUREMENT, AND TACTILE SENSORS



| General Dimensions | | | Sensing Region Dimensions | | | | | | Summary | | | |
|----------------------------|---------------------------|------------------------|---------------------------|----------------------------|-----------|--------------------|-------------|-----------|--------------------|-------------|---------------------|---------------------------|
| Overall Length <i>L</i> | Overall Width <i>W</i> | Tab Length <i>A</i> | Matrix Width <i>MW</i> | Matrix Height <i>MH</i> | Columns | | | Rows | | | Total No. of Senses | Sensel Spatial Resolution |
| | | | | | <i>CW</i> | Pitch <i>CS</i> | <i>Qty.</i> | <i>RW</i> | Pitch <i>RS</i> | <i>Qty.</i> | | |
| (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | | (mm) | (mm) | | | (sensel per sq-cm) |
| 1097.5 | 618.5 | 400.3 | 471.4 | 968.5 | N/A | 14.7 | 32 | N/A | 14.7 | 64 | 2,048 | 0.5 |
| (in) | (in) | (in) | (in) | (in) | (in) | (in) | | (in) | (in) | | | (sensel per sq-in) |
| 43.21 | 24.35 | 15.76 | 18.56 | 38.13 | N/A | 0.580 | 32 | N/A | 0.580 | 64 | 2,048 | 3.0 |

Pressure Ranges

| | |
|-----|----|
| kPa | 34 |
| psi | 5 |