Competitive Analysis

Parameter	Fluke Biomedical DPM2 PLUS	Rigel 420	Rigel 421
Selectable ranges?	Yes	No Select 1 of 6 modules at time of purchase	No Select from 3 series of modules at time of purchase
Pressure measurement range	-698 to +802 mmHg -949 to +1090 cmH_2O -374 to +429 cmH_2O -13.50 to +15.50 psi -13.50 to +100.0 psi	200 IN Module: 199.9 mmHg/199.9 inH2O 2000 IN Module: 1999 mmHg/199.9 inH2O 200 PS Module: 199.9 mmHg/19.99 psi 2000 PS Module: 1999 mmHg/19.99 psi 200 kpa Module: 199.9 kpa/1999 cmH2O 200 cmH2O Module: 199.9 mmHg/19.99 psi	**0.05% of FS accuracy** 220-05 PSI-05: -1.5 to 5 psi 220-20 PSI-05: -6.5 to 20 psi 220-50 PSI-05: -14 to 50 psi 220-100 PSI-05: -14 to 100 psi **0.1% of FS accuracy** 220-02 PSI: -0.6 to 2 psi 220-02 cmH2O: -0.6 to 2 psi 220-10 PSI: -3.0 to 10 psi 220-10 cmH2O: -3.0 to 10 psi 220-25 PSI: -8 to 25 psi 220-25 cmH2O: -8 to 25 psi 220-50 PSI: -14 to 50 psi 220-50 cmH2O: -14 to 50 psi 220-95 PSI: -14 to 95 psi 220-95 cmH2O: -14 to 95 psi 220-130 PSI: -14 to 130 psi **2.0% of FS accuracy** 220-200 PSI: 0 to 200 psi
Pressure generation range	None	None	None
Accuracy	±1% of Range	±0.25% of Range ±1 Digit	±0.05% of range ±1 digit ±0.1% of range ±1 digit ±2.0% of range ±1 digit Depending on module selected at purchase
Resolution	Not specified	Not specified	Not specified
Maximum pressure	Not to exceed 110 psi	Twice full scale (range) pressure	Twice full scale (range) pressure

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Competitive Analysis

Parameter	Fluke Biomedical DPM2 PLUS	Rigel 420	Rigel 421
Units	mmHg, cmH_2O, inH_2O, kPa, psi	mmHg/ psi, or mmHg /inH_2O	mmHg, mBar, cmH_2O, psi, $iInH_2O$, kPa (0.1% Accuracy modules only)
Analog outputs	0.1 V/psi all ranges except 100 psi 0.01 V/psi for 100 psi	None	None
Recommended calibration interval	1 year	1 year	1 year
Dimensions[(2)]	5.75” x 3.6” x 1.9” (14.61 cm x 9.14 cm x 4.83 cm)	3.0” x 2.0” x 1.4” (7.6 cm x 5.0 cm x 3.6 cm)	4.75” x 2.5” x 1.5” (11.4 cm x 6.4 cm x 3.8 cm)
Weight	Not Specified	6.5 oz 0.18 kg	13.6 oz 0.39 kg
Warm-up time	Not specified	Not specified	Not specified

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