

Johnson portable doser delivers 100N force

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Singapore: Hong kong-based Johnson Electric launched miniature medication dosing system technology under the Johnson Medtech brand, a platform that provides high precision dosing accuracy over device operational life.

The Johnson Medtech system design delivers dosing forces up to 100N for various medication viscosities within a compact package. The low noise and low power consumption of the dosing system is suitable for the smallest portable medication delivery devices.

This innovative design includes a precise leadscrew driven by a miniature geared motor, a displacement sensor, an optical sensor and an optional force sensor. The multiple sensors system design can prevent inaccurate dosing and supports fail-safe features for dosing.

Mr Jim Dick, senior vice president, strategic marketing, Johnson Electric, said that, "Accuracy is critical in medication dosing for patients with diabetes or growth hormone deficiency. The Johnson Medtech technology enables precision dosing in miniature packages."