

ELECTRONIC TIRE INFLATOR QUBE2

AIR A

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DESCRIPTION

The **Accura Qube 2** electronic tire inflator functions as a stationary control unit within pneumatic compressed air networks across tire specialist centers, automotive workshops, and industrial assembly lines. Conformity assessment in accordance with the German Weights and Measures Act (*Mess- und Eichgesetz*) ensures **full legal compliance for commercial, legal-for-trade inspection and mounting operations**. Thanks to the pre-assembled power cable with a Schuko plug and standardized fittings for inlet pressures up to **15 bar**, the unit can be integrated directly into assembly workstations and tire changers with minimal effort.

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Pressure measurement is based on a low-wear ceramic sensor that guarantees a maximum deviation of **±0.5%** of the measured value across the entire **inflation range up to 10 bar**, with a display resolution of **0.1 bar**. The **IP44**-rated enclosure occupies minimal installation space with dimensions of **150 x 150 x 92 mm** and a weight of **2.3 kg**, withstanding ambient temperatures from **-20 °C to +70 °C**. Operation is carried out via a touch-sensitive control interface. The system offers three defined operating modes: **automatic inflation** and **deflation** to freely selectable target values, **a tire shop mode** with a defined seating pressure for proper tire bead seating on the rim shoulder, and an **integrated program** for multi-stage **nitrogen purging**.

The automated pressure cycles significantly reduce auxiliary non-productive times on the assembly line by eliminating manual readjustments and waiting times for workshop personnel. The high sensor precision satisfies the narrow tolerance requirements of modern tire pressure monitoring systems (TPMS) and prevents warranty claims or customer complaints resulting from pressure deviations. By consolidating mounting, deflation, and purging functions into a single device, system complexity at the workstation is substantially reduced, while pre-programmed limit values eliminate operator error and ensure consistently high process stability.

TECHNICAL DETAILS

Sensor technology	High-precision ceramic sensor
Measurement accuracy:	±0.5%
Display resolution	0.1 bar
Maximum inlet pressure	15 bar
Maximum inflation pressure	10 bar
Hose Assembly (Included)	5m
Max. Permissible Hose Length	20m
Operating & ambient temperature	-20 to +70°C
Power supply	230V
Power Consumption	12W max.
Protection class	IP44
Dimensions (W x H x D)	150 x 150 x 92mm

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Weight	1,8kg

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