Air Electric Switch on A-dec® 300/500 Delivery System

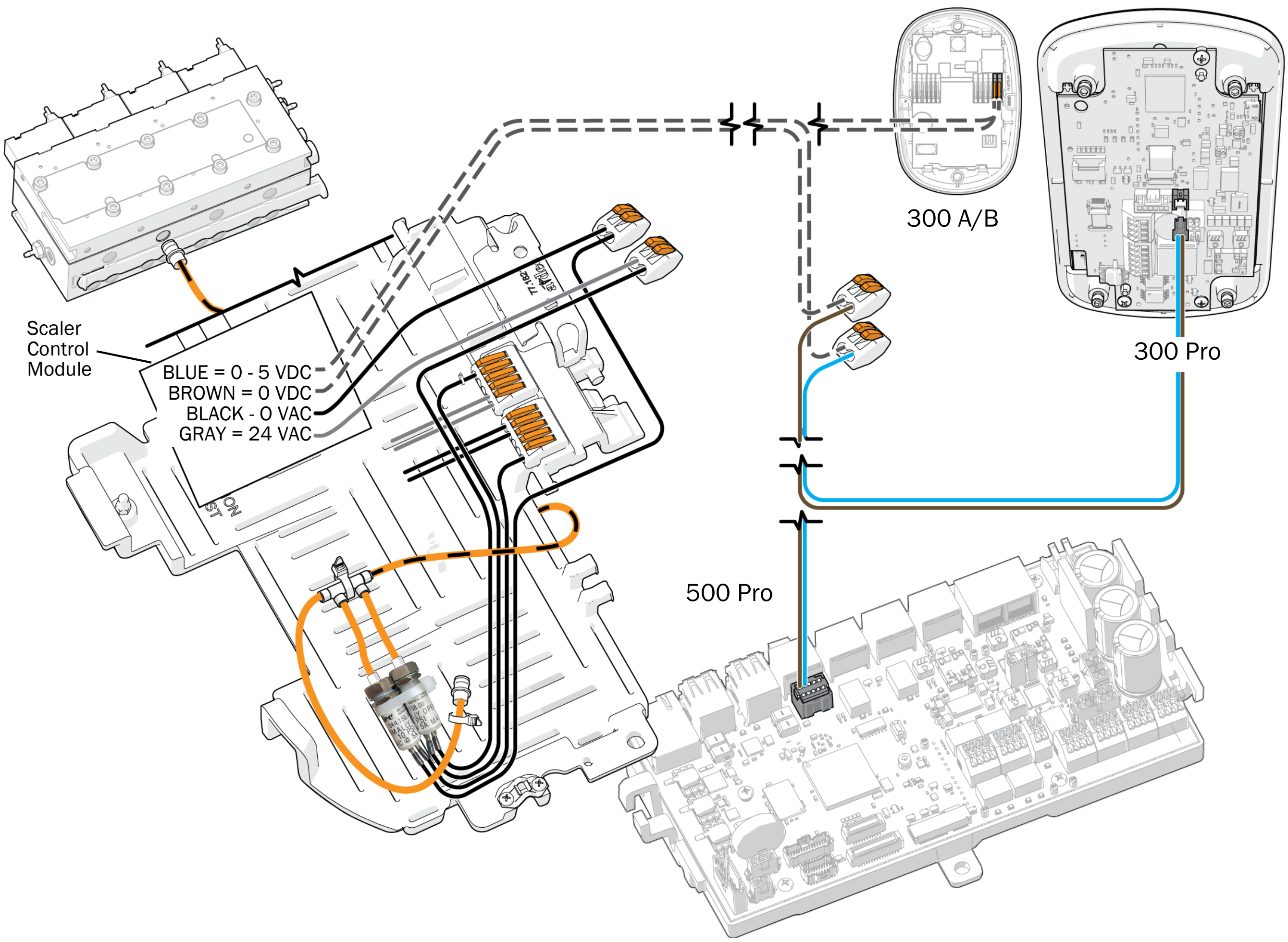
INSTALLATION GUIDE

Product Models and Versions Covered in This Document*

Models	Versions	Description
332pro/333pro/334pro/335pro/336pro/341pro/342pro/532pro 533pro/541pro/545pro	n/a	Delivery System
332/333/334/335/336/342	A	Delivery System
334/335	B	Delivery System

**Equipment shown in this document may include optional features or accessories. Some product models, versions, and options in this document may not be available in certain regions.*

Use this wiring diagram to make the air electric switch connections inside the delivery system. See the Wire Color Connections table on page 2 for the connections for your type of scaler.

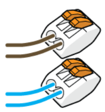
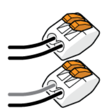
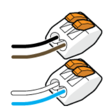
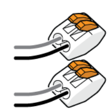
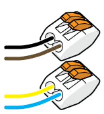


Delivery System Connection Notes

Delivery System	Part	Notes
300A/B	Tubing harness with two air-electric switches	The power for the Acteon® Satelec® SP Newtron® and Piezon® scalers may be controlled directly with drive air using the air electric switches in this kit.
300 Pro/500 Pro	Tubing harness with two air-electric switches	Use the harness to connect the SP Newtron and Piezon scalers only (not used with the Dentsply® Cavitron®) to the 24 VAC and 0 VAC electrical connectors.
300 Pro/500 Pro	Cable assembly for scaler drive	Use to connect the SP Newtron, Piezon, and Cavitron to the analog signal drive.

Wire Color Connections

Each cable assembly has a blue and brown wire that will connect to the 0 V and 0-5 V variable dive signals in the scaler kit. See the chart below to determine which color wires need to be connected.

Scaler	Wire Colors (Drive Signal)	Wire Colors (24 VAC Power)	Scaler	Wire Colors (Drive Signal)	Wire Colors (24 VAC Power)
SP Newtron	 0 V (Brown to Brown) 0 - 5 V (Blue to Blue)	 0 V (Black to Black) 24 VAC (Grey to Black)	Piezon	 0 V (Black to Brown) 0 - 5 V (White to Blue)	 0 V (Grey to Black) 24 VAC (Grey to Black)
Cavitron	 0 V (Brown to Brown) 0 - 5 V (Blue to Blue)	Additional air electric switches not required for Cavitron power connection.			

NOTE The SP Newtron scaler designed for A-dec requires only 3.5 V to reach 100% output drive power. The board, however, is noted as 0 - 5 V to accommodate both systems.

Regulatory Information and Warranty

For required regulatory information and the A-dec warranty, see the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00) available in the Resource Center at www.a-dec.com.

For quick access to this document online, scan, tap, or click this QR code, which points to a-dec.com/regulatory-guide.

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