



Vmax[®]

APS Pro

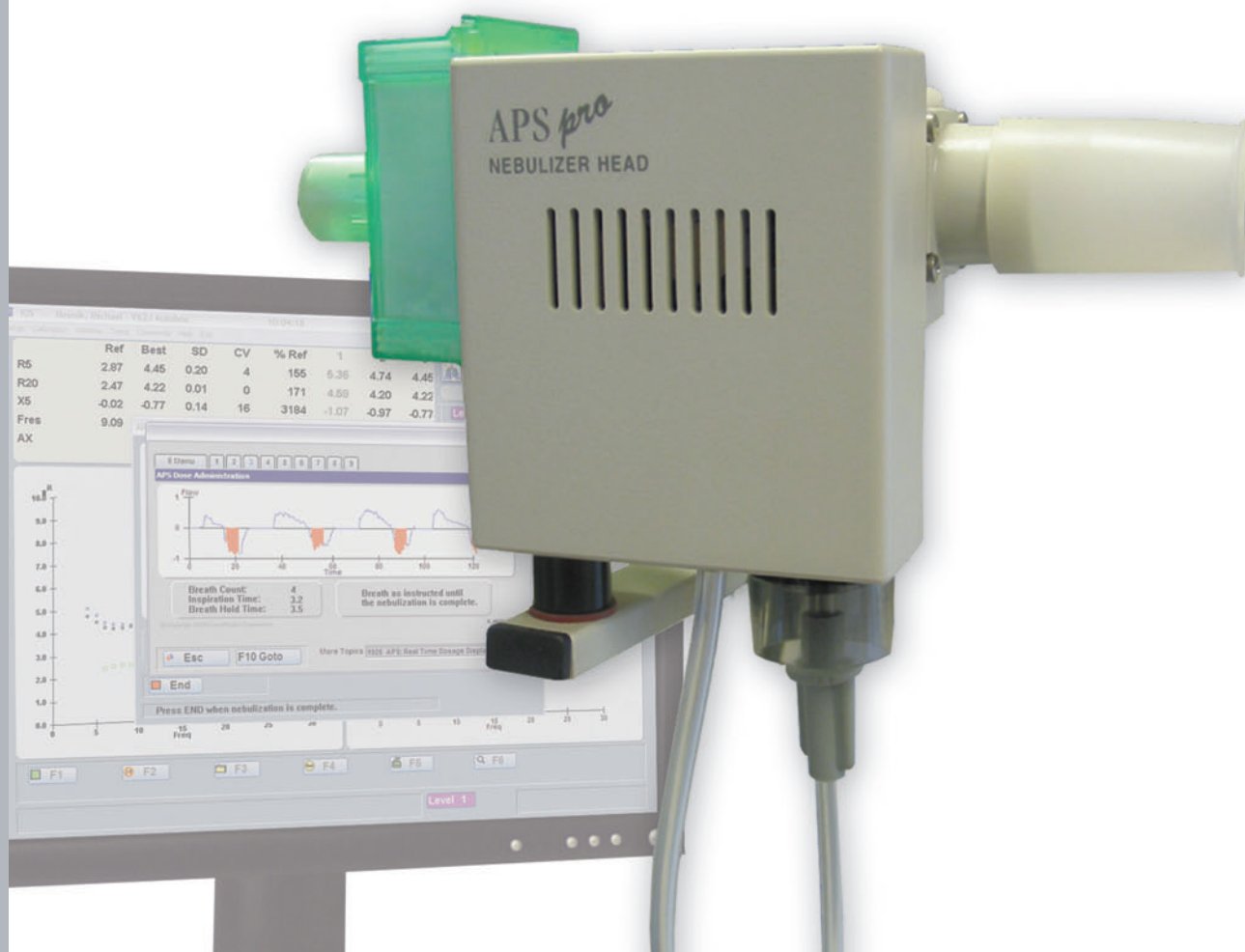


Vmax Encore Aerosol Provocation System

VIASYS has developed the APS Pro for both the Jaeger and SensorMedics[®] product lines. The APS Pro provides an integrated Provocation System.

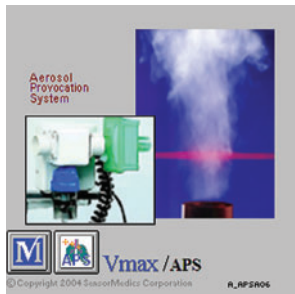
The integrated design allows bronchial provocation protocols to use a single concentration of the challenge substance, making bronchial provocation testing cost effective, easier to perform and increases workflow efficiency.

- High drug efficiency with optimal accuracy
- Multi-step protocol with a single concentration
- Asthma Control
- Computerized control of nebulization
- Flexible Protocol Controller
- Phase-controlled inhalation, pulse or continuous nebulization
- Inspired air filtration – To protect the technician and the environment

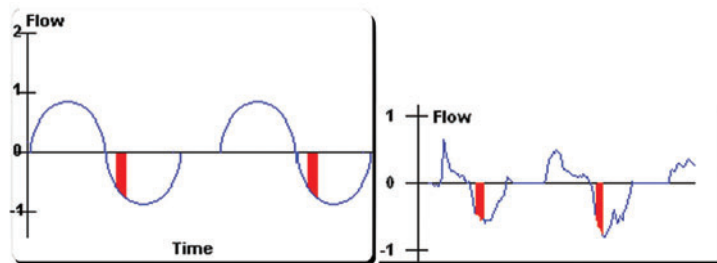


Features:

- Real-time visualization of dose administration and breathing patterns.
- Select from commonly used pre-set protocols or “Create Your Own”.
- APS Pro assists the entire provocation workflow and timing intervals between the various doses.
- The Side-Stream Nebulizer has fast delivery and high deposition.
- Measurement Programs Include: Flow/Volume Loops & NO FVC Mode, Body Plethysmography, and IOS {Airway Resistance by Impulse Oscillometry}.



High Output Nebulizer



Real-time visualization of dose administration

NO FVC Mode

- Capture FEV₁ without a full expiration using the new NO FVC mode.
- Avoid additional bronchial constriction effects due to maximum expirations.
- Less demanding for the patient.

End of Test Criteria

- User defined.
- The APS Pro supports both PD and PC related calculations.
- The PD or PC end of test criteria can be set based on FEV₁, R5, Raw, or SRaw.
- Automatic calculations.

Researchers have demonstrated that the new, single-concentration dosimeter method provides values comparable to the already accepted Gold Standard.¹

¹R. Köbrich, N.J. van Duijn, R. Lauschner, P.J. Sterk
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U.S. Federal Law restricts this device to sale by or on the order of a physician.



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