ERT
Confidence at every turn™

ERT AM3

Make home monitoring easy with our integrated home spirometer and electronic diary

EASY-TO-USE HOME SPIROMETER AND eDIARY

The ERT AM3™ is built using the proven JAEGER™ Asthma Monitor™ and is the first home spirometer and electronic diary (eDiary) to receive Asthma Control Questionnaire (ACQ) certifications. This easy-to-use device measures and saves all relevant expiratory flow-volume parameters, such as PEF and FEV1. The recording of symptoms, events and medication, including severity and dose, also makes the AM3 a complete eDiary for patient home monitoring. The AM3 supports compliance by guiding the patient through the assessment with clear, easy-to-read, on-screen instructions. Additionally, the device utilizes powerful branching logic to ensure patients answer the appropriate questions and provides automatic scoring to give patients immediate feedback.

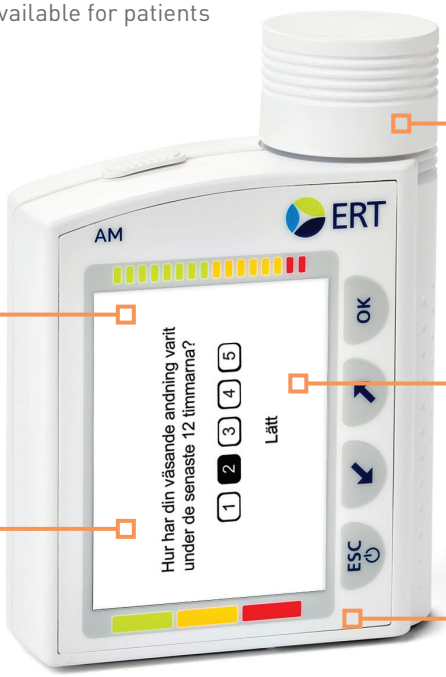
The AM3 with optional mobile communications functionality wirelessly transfers data automatically after a session or scheduled at a fixed time of day via an internal global cellular modem using economic text messaging. This ensures data is simply and cost-effectively transferred from a patient's home or any remote location to your investigative site and our EXPERT® platform, enabling near real-time access to patient data. An analog modem solution is also available for patients without network coverage.

PUT AM3 TO WORK FOR YOU

- Embed custom questionnaires into workflow with the integrated eDiary
- Calculates, automatically scores and provides feedback
- Records symptoms and medication usage
- Web upload and mobile communications text messaging transmission options
- Over 160K AM-family devices deployed in 170+ respiratory and eCOA clinical trials

APPROVED PRO AND COA ASSESSMENTS

- Asthma Control Questionnaire (ACQ)
- Breathlessness, Cough, Sputum Scale (BCSS)
- EXAcerbations of Chronic Pulmonary Disease Tool (EXACT)
- Various symptom and medications questionnaires



RESEARCH-QUALITY FLOW SENSOR SUPPORTS MOUTHPIECES FOR CHILDREN AND ADULTS

GRAPHIC DISPLAY AND TRANSLATIONS AVAILABLE IN ANY USER LANGUAGE

LARGER, HIGH-CONTRAST DISPLAY EASIER TO READ, IMPROVES USABILITY, ESPECIALLY FOR ELDERLY AND PEDIATRIC PATIENTS

SCREEN SIZE ALLOWS LONGER, MORE COMPLEX ASSESSMENTS TO BE SUPPORTED

COMMUNICATION INTERFACE OPTIONS FOR DATA TRANSMISSION BY CELLULAR MODEM, USB OR BLUETOOTH

AM3 WITH G+ OPTION

AM3 FEATURES

- Spirometry compliant with ATS/ERS 2005 standards
- Research-quality flow sensor supports mouthpieces for children and adults
- Graphic display and translations available in any user language
- Automated date/time stamped records available
- Non-volatile memory stores months of spirometry and eDiary data
- Bluetooth® reduces site burden by wirelessly connecting an AM3 to ERT MasterScope, eCOA Handheld, AMOS software and other devices

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TECHNICAL SPECIFICATIONS

AM3/AM3 BLUETOOTH	
Volume	0.5 to 8 L
Flow	0 to 840 L/min
Capacity	1200 measurements and 400 sets of diaries (8000 answers)
Type	Secure, non-volatile memory, no backup required
L x W x H	112 mm x 82 mm x 37 mm
Weight	167 g (includes batteries)
Screen resolution	4.7 x 3 cm or 2.2" active area
Battery	3 x 1.5V (AAA, included)
Backlight	White LED
Communications	Serial, USB and Bluetooth (BT)

AM3 WITH GSM OPTION	
Weight	120 g (includes battery)
Battery	Built-in rechargeable Li-Ion polymer battery
Regulations	FCC/IC certified
Communications	Serial, USB, GSM and Bluetooth (BT) optional

AM3 WITH G+ OPTION	
Weight	150 g (includes battery)
Screen Resolution	5.7 x 4.3 cm or 2.8" active area
Battery	Built-in rechargeable Li-Ion polymer battery
Regulations	FCC/IC certified
Communications	USB, 3G and Bluetooth

OPTIONAL ACCESSORIES
Rotary flow sensor replacements
Additional mouthpieces
Sniff option to measure nasal PIF

QUALITY AND SAFETY

ERT operates a Quality Management System according to EN ISO 13485 and 21 CFR Part 820. The device complies to the applicable standards and regulations. The device is CE-marked (according to Medical Device Directive) and US FDA registered (510(k)).

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