

Introducing the BodyScript Ascend 10-Second Body Composition Analyzer

Grow Your Fitness Training Business
with the Speed and Accuracy of
BodyScript Near-Infrared Technology



BodyScript body composition analysis provides greater accuracy than conventional bioelectrical impedance devices

Knowledge is power. The mission for growth-minded fitness facility operators is to provide clients with vital information to track progress, attract new clients, and fight an obesity epidemic that threatens to overwhelm the healthcare system. The new BodyScript™ Ascend Body Composition Analyzer is the intelligent solution that employs the latest technology – in a simple 10-second test – to create accurate measurements of body fat, muscle, bone density and water. Unlike bioelectrical impedance analyzers, BodyScript tests may be conducted anytime without removing clothing or shoes and without any pre-test exercise, food or beverage restrictions.

“The BodyScript analyzer provides an essential educational tool for engagement and a clear path for health and fitness progress.”

Introduced at the IHRSA 2020 trade show in San Diego, the BodyScript Ascend body composition analyzer is the latest innovation from the MYE Fitness Technologies team. Using patented technology, body measurement results are encoded in the digital QR code displayed on the BodyScript touch screen. Users point their phone to instantly upload and track results with the free BodyScript Mobile App. No Bluetooth connectivity or network connections are required. Results may also be printed locally. BodyScript mobile app scanning and tracking features can be integrated into facility business mobile apps.

“BodyScript tests may be conducted at anytime without removing clothing or shoes or any exercise, food or beverage restrictions,” said Tony Garcia, MYE Technologies president and CEO. “For more than twenty years we have been developing leading edge value-added products to increase fitness operator revenues, member retention and referrals. The BodyScript analyzer provides an essential educational tool for engagement and a clear path for health and fitness progress.”

The BodyScript process is easy: step on the platform, apply the light wand to the bicep and receive accurate results in seconds including body fat percentage, weight of body fat, three-fat type analysis (weight of essential body fat, reserve body fat and excess body fat), bone mass, muscle mass, lean body mass, body mass index (BMI), metabolic rate (BMR), and total water. The BodyScript analyzer employs near-infrared technology to assure gold standard body measurement accuracy equal to hydrostatic and DEXA (dual energy x-ray absorptiometry) non-invasive bone mineral density testing.

Advanced Near-Infrared Technology Provides Superior Gold Standard Body Analysis Accuracy

By 2030 half of American adults will be obese according to a December 2019 article published in the New England Journal of Medicine. Researchers used data on 6.3 million U.S. adults who participated in the Behavioral Risk Factor



BodyScript data may be easily transferred to a personal physician or authorized health network

Surveillance System to project body mass index categories through 2030. BodyScript near-infrared technology is ideal for everyone, especially underserved communities who desperately need accurate testing and education, greater awareness, health risk assessments and remedial guidance.

Near-infrared technology measures body fat using a computerized spectrophotometer via solid-state optics. This method uses the principles of light absorption and reflection to analyze body fat with measurements based on light in the near-infrared spectrum at a wavelength slightly longer than can be seen. In this part of the spectrum organic constituents such as body fat, muscle, and water content have a unique optical signature. Harmless near-infrared technology provides significantly greater accuracy than popular bioelectrical impedance devices.

Compare the accuracy of BodyScript near-infrared technology with widely used Bioelectrical Impedance Analysis (BIA). Conventional BIA devices do not measure percent body fat. They calculate body fat from parameters that vary throughout the day. BIA provides two or more oscillating electrical currents at different frequencies sent to the body. The resistance to such electrical circuits is directly related to the amount of water and electrolytes present, which changes significantly depending upon

“Our BodyScript objective is to provide health and fitness facilities and studios with an accurate, easy-to-use solution...”

perspiration, food, voiding and other activities. These rapidly changing measurements are then used to calculate the percent body fat. In almost every application the amount and location of body water and electrolytes are not of prime importance. User manuals in BIA products confirm that large differences in the testing of body fat occur all day long. BIA products are also unsafe for individuals with life sustaining artificial electrical implants (such as pacemakers). Implant functionality can be disrupted by BIA electrical currents.

“BodyScript measures body fat using patented harmless near-infrared technology,” said Garcia. “The accuracy of near-infrared technology is equivalent to hydrostatic underwater weighing and has been proven in thousands of peer-reviewed studies. Bioelectric impedance devices are less reliable because they measure the amount of water and electrolytes in the body that vary wildly throughout the day with exercise, food and beverage consumption.”

For more on the BodyScript Body Composition Analyzer, visit BodyScript.com, call (800) 779-6759 or (661) 964-0217.

MYE Fitness Technologies is the industry’s largest and most trusted global provider of fitness entertainment and health tracking technology including the AppAudio Smartphone TV Audio app, the BodyScript body composition analyzer, Cardio Machine TVs, Cardio Theater style TV Audio receivers and transmitters, the Direct Connect and Wireless CableSAT Channel Changer. Advanced design makes MYE the choice of leading club operators and major cardio equipment brands including Cybex, Life Fitness, Matrix, Nautilus, Octane, Precor, SportsArt, Star Trac, StairMaster, Technogym and Freemotion developing integrated Digital TVs, wireless audio and sophisticated mobile applications.