

# E=ar<sup>2</sup>



## AR Amplifiers Stand Up To The Physics.

AR makes RF power amplifiers that give you the power to dream, explore, imagine, and create.

With amplifiers and modules covering the DC to 45 GHz spectrum and ranging from 1 – 10,000 watts, our products play a part in physics experiments, plasma generation and testing, ultrasonics, NMR, and so much more.

Our A3 Series amplifiers (10 kHz – 3 MHz), for example, have a unique impedance matching capability that makes them ideal for any applications where the load impedance is anything other than the usual 50ohms. In plasma research, you can count on our A3 Series amps to produce the high voltage needed to ignite the plasma, and for the steady current to sustain it. These innovative amplifiers – with the ability to select output impedance on the fly – are available in 800, 1,500, and 5,000 watts. And amplifiers like our Model 350AH1 let you cover an extended audio frequency (10 Hz – 1 MHz) where load impedances are unknown or varying.

AR has similar innovations, and a wide range of VSWR-tolerant solutions, for virtually any test or experiment that requires an RF power amplifier.

We're known worldwide for the quality and dependability of our products, and for a support network that's second to none. The AR companies include: AR RF/Microwave Instrumentation — world-class source for broadband high power, solid-state, RF and microwave amplifiers; EMC test equipment; and accessories; AR Modular RF — recognized leader in broadband, sub-band and discrete frequency non-EMC RF amplifiers; AR Receiver Systems — EMI receivers, impulse generators and measurement systems, and leak detectors; and AR Europe – providing innovative products & services throughout the European marketplace.

AR products are backed by the best warranty in the business. AR is here to help you – today, tomorrow and always.

Let us help you find the power solution to your toughest physics challenges. Call AR RF/Microwave Instrumentation at 215-723-8181 or AR Modular RF at 425-485-9000. We also invite you to visit us at [www.ar-worldwide.com](http://www.ar-worldwide.com)



**rf/microwave instrumentation • modular rf**

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USA 215-723-8181. For an applications engineer, call 800-933-8181.

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