THE HYBRID RADIOMETERS RHC30 V5.2

Universal Radiometer and Digital Pulse Analyser for flash pulsed YAG lasers (0,5Hz - 1000Hz / 0,1ms - 50ms) / (0,4μm -1,1μm)

THE RHC30 V5.2 IS THE ULTIMATE GENERATION OF THE HYBRID RADIOMETERS PATENTED BY LASER METROLOGIE IN 1995. IT IS ABLE TO DO MEASUREMENTS ON FLASH PUMPED PULSED LASERS IN THE OPERATING MODES ALL CONTINUOUS, PULSED SINGLE AND BURST. IT USES THE BEST TECHNOLOGIES : AN ABSORBING CONE WITH A RESISTANT SPECIAL COATING , AN OPTIMISED THERMAL DESIGN WITH AIR COOLING FOR P<100W OR WATER COOLING FOR P<600W, AN HIGH QUALITY THERMOPILE IN WELDED WIRES WITH LOW NOISE AMPLIFICATION CIRCUITS , A PHOTODIODE WITH AN AUTOMATIC AMPLIFICATION CONTROL ACCORDING THE PEAK POWER DENSITY, A SPECIAL NUMERIC DESIGN F O R T H E P U L S E DIGITALISATION, THE LAST MICROCONTROLLER GENERATION 16BITS/25MHZ, AND A HIGH-LEVEL CODE IN C LANGUAGE TO PERFORM ALL MEASUREMENTS (W, J, Hz, kW, ms, N.b. of Pulses, Fluctuations) . THE RHC30 V5.2 IS BUILT WITH HIGH QUALITY COMPONENTS AND WAS STUDIED TO OFFER AT THE DIFFERENT CUSTOMERS : INDUSTRIALS, MANUFACTURERS, LABORATORIES, AN EASY USE ASSOCIATED WITH HIGH FUNCTIONS. AN OPTIONAL WINDOWS SOFTWARE IS AVAILABLE TO DISPLAY AND SAVE THE LASER PULSE SHAPES. THE HYBRID RADIOMETER RHC30 V5.2 IS

RADIOMETER RHC30 V5.2 IS A PULSE ANALYSER WHICH CAN BE USED IN ALL TYPES OF PROCESS AS LASER DRILLING OR LASER SOLDERING WITH POINTS OR WITH CORDON



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