

**Duet™ and Duet+™ 2-Channel Interferential Stimulators Manufactured by Phoenix Medical Devices**  
**Comparison of Features vs. Analog Devices**

Specification	Rehabicare IF II	Biomedical Life Systems INF Plus	Apex Medical IF 4000	Phoenix Medical Duet	Phoenix Medical Duet+
Digital Accuracy and Repeatability	No	No	No	Yes	Yes
Maximum Amplitude	25 V	16.5 V	8 V	22.5 V	25 V
Power Supply	4 AA Alkaline or Rechargeable w Reduced Life	4 AA Alkaline	9 V Alkaline	2 AA Alkaline or 2 NiMH / NiCad <sup>1</sup>	2 AA Alkaline or 2 NiMH / NiCad <sup>1</sup>
Interferential Therapy Protocols	4	4	4	11	11
Muscle Stimulation Protocols	1	0	0	4	4
Compliance Meter	No	No	No	Yes	Yes
<b>Safety Features</b>					
Digital Patient Watchdog <sup>2</sup>	No	No	No	Yes	Yes
Therapy Lockout	No	No	No	Yes	Yes
Intra-therapy Lockout <sup>3</sup>	No	No	No	Yes	Yes
NMS Phase Indicator <sup>4</sup>	Yes	N/A	N/A	Yes	Yes
Clinician Specified Amplitude Limit Lock <sup>5</sup>	No	No	No	Yes	Yes
Pause & Resume	No	No	No	Yes	Yes
Auto Off	No	No	No	Yes	Yes
<b>Convenience Features</b>					
Battery Charger	No	No	No	No	Yes
Wall Current Adapter	No	Yes	Yes	Yes	Yes
Languages <sup>6</sup>	N/A	N/A	N/A	3 (En, Sp, Fr)	3 (En, Sp, Fr)
LCD Display	None	None	None	16 character	16 character
Belt Clip	Yes	No	Yes	Yes	Yes
Battery System	Wide Availability	Wide Availability	Wide Availability	Wide Availability	Wide Availability
Size (in, W x D x H)	3.2 x 1.2 x 5.2	2.8 x 1.5 x 4.5	2.5 x 1.1 x 3.7	3.2 x 1.1 x 4.8	3.2 x 1.1 x 4.8
Weight (oz.)	12	8.1	5.6	5.9	5.9
<b>Other</b>					
Manufacturing Quality System	ISO 9001:1996	ISO 13485:1996	ISO 9002 / EN46002	ISO 13485:2003	ISO 13485:2003
Country of Manufacture	U.S.	U.S.	Taiwan	U.S.	U.S.

**Notes:**

1. Duet supplied with AA alkaline batteries; Duet+ provided with Ease NiMH Batteries and Charger
2. Constant software surveillance by device CPU of electronic circuitry to maintain energy at patient-safe levels
3. Enhanced patient safety by preventing accidental increases in amplitude intensity during therapy
4. Visual and/or audible alert to indicate when therapy is in contraction mode or in relaxation mode
5. Allows clinician to pre-set maximum allowable amplitude – prevents patient abuse and injury
6. Languages: En = English, Sp = Spanish, Fr = French