

CARDELL® vs. DOPPLER COMPARISON OF IMPORTANT PARAMETERS

| CRITERIA | DOPPLER | CARDELL® |
|------------------------------|---|---|
| Measures Systolic BP | ✓ | ✓ |
| Measures Diastolic BP | NO | ✓ |
| Measures MAP | NO | ✓ |
| Measures pulse rate | NO | ✓ |
| Has automated cycle | NO | ✓ |
| Detects artifacts | NO | ✓ |
| User friendly | NO | ✓ |
| Noise will NOT interfere | NO | ✓ |
| Very good patient acceptance | NO | ✓ |
| Simple measurement process | NO | ✓ |
| Mode of operation | Measures individual pulse wave, momentary situation | Averages all pulse waves over 10-15 sec |
| Prep of measurement site | Shear & apply enough gel | NONE |
| Canine measurements | Can be learned with some practice | Easy to learn |
| Feline measurements | Can be learned with some practice | Can be learned with some practice |

Adapted from: Essential Facts of Blood Pressure in Dogs and Cats; Egner, Carr & Brown (c) 2003