

## Vital W (WRINKLES & ANTI-AGING)

Microneedling Essential Solutions



### Key Ingredients and Features:

- Provides deep hydration
- Promotes extracellular matrix renewal and cell proliferation
- Enhances collagen production
- Reduces fine lines and wrinkles
- Improves skin tone and texture
- Induces skin cell repair
- Lifts and firms by strengthening the plasma membrane of the skin cell
- Paraben-free
- Hypoallergenic and non-comedogenic

**Acetyl Hexapeptide-3:** Works through a unique mechanism that relaxes facial tension, leading to the reduction of superficial facial lines and wrinkles with regular use. The effects are significantly enhanced when combined with microneedling.

**Matrixyl 3000:** Contains messengers for cutaneous restructuring and repair. It activates the neosynthesis for extracellular matrix renewal and cell proliferation, while also lifting and firming the skin.

**Pentaxyl:** Possesses wound healing properties and assists in reducing wrinkles and fine lines by enhancing collagen production. It also assists in improving the vitality of protein and collagen under the skin's surface by stimulating its own regeneration process.

**Sodium Hyaluronate:** An acid with a weight of 1 MDa, it is one of the most effective humectants for skin healing and regeneration. It adds hydration to the skin without depending on atmospheric moisture.

**Vitamin B5:** Reduces water loss through the skin after microneedling. In various forms, topical vitamin B5 is beneficial in improving the moisture level and function of the skin.

**DMAE:** A natural substance, also known as 'a facelift in a jar', due to its amazing ability to dramatically tighten, firm, and tone neck and facial muscles, creating a leaner, more defined, and youthful look. Its ability to strengthen and stabilize the cell's plasma membrane allows it to improve even the most unresponsive areas.

**EGF:** Stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell cultures.

**Magnesium Ascorbyl Phosphate (MAP):** A vitamin C derivative that has better stability than ascorbic acid. MAP is often used for: UV protection and repair, collagen production, skin lightening and brightening, and as an anti-inflammatory. It is also a potent antioxidant.

**Palmitoyl Tripeptide-28:** A stabilized peptide, engineered for cutaneous delivery, that is resistant to enzyme degradation. It mimics TGF- $\beta\beta$  by activating the transforming growth factor- $\beta\beta$  receptor Type II (T $\beta$ RII) to activate collagen synthesis. In consequence, it reduces wrinkles by turning on the gene responsible for increasing collagen production in the skin.

- 45% reduction in wrinkles in 28 days (in vivo)
- 152% increase in Collagen I Synthesis (in vitro)
- 175% increase in Collagen III Synthesis (in vitro)
- 48% MMP-9 Inhibition (in vitro)

**Ingredients:** Deionized Water, Aloe Vera Gel, Acetyl Hexapeptide-3, Matrixyl 3000, EGF, Sodium Hyaluronate (Base), Vitamin B5, DMAE, Pentaxyl, Propylene Glycol, Phenoxethanol, Magnesium Ascorbyl Phosphate, Palmitoyl Tripeptide-28, AE Protek NPB

**Directions:** Lift and pull off the clear plastic cap in the direction of the two arrows (↑↑) embossed on the foil wrap of the vial. Both the plastic cap and foil wrapping should peel off. Then, remove the rubber cap. Apply the solution evenly to the treatment area before, during, and after microneedling. Gently massage into the skin until absorbed. For more details, refer to CRL microneedling training materials.

**Caution:** For professional use only. Avoid contact with eyes and mucous membranes. Discontinue use if irritation or redness develops.

### Microneedling Essentials (10 units of 0.12 fl.oz/ 3.5ml vials per box)

#### Clinical Solutions for Microneedle Therapy

- 1 Vital W - *Wrinkles & Anti-Aging*
- 2 Vital PS - *Pigment Stabilizer*
- 3 Vital WH - *Wound Healing & Scar Revision*
- 4 Vital SM - *Stretch Marks*
- 5 Vital CL - *Cellulite Control*
- 6 Vital HR - *Hair Restoration*

