

# Portable Electrostatic Fusion via Unified Wave Theory

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## Abstract

We propose a portable electrostatic fusion device with  $Q > 1$  using Unified Wave Theory (UWT). Simulations on Freddy (4052 Mpoints/sec) show coherence lock. Empirical validation via Hantek DSO2D15 is pending.

## 1 Introduction

Electrostatic confinement fusion (IECF) yields  $10^8$  n/s but  $Q < 10^{-5}$  [?]. UWT introduces scalar feed to achieve  $Q > 1$ .

## 2 Lagrangian with Scalar Feed

$$\mathcal{L} = \frac{1}{2}(\partial_t \Phi_1)^2 + \frac{1}{2}(\partial_t \Phi_2)^2 - V(\Phi_1, \Phi_2) + \rho \frac{1}{2}u^2 - g_m |\Phi_1 \Phi_2|^2 \partial_t^2 \Phi \quad (1)$$

$g_m = 0.01$ .

## 3 Simulation Results

$1024^3$  grid, 100 steps, 4052 Mpoints/sec. Center slice shows coherence lock.

## 4 Empirical Validation

Hantek DSO2D15:  $\Delta m/m$  test pending.

## 5 Conclusion

Simulations suggest  $Q > 1$ . Lab test required.

## References

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