



HART COMMUNICATOR

(SOFTWARE VERSION)

* Original Laptop may differ from this

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ALPHA ENGINEERING AND SYSTEMS

INTRODUCTION

- ✓ “HART” stands for **H**ighway **A**dressable **R**emote **T**ransducer.
- ✓ The HART Protocol makes uses **F**requency **S**hift **K**eying (**FSK**) standard to superimpose digital communication signals at a low level on top of the 4-20mA.
- ✓ This enables two-way field communication to take place and makes it possible for additional information beyond just the normal process variable to be communicated to/from a smart field instrument.



FEATURES



- ✓ Easily Transportable
- ✓ Easy to use.
- ✓ Universal Compatibility
- ✓ Most Economical
- ✓ Free Lifetime Up-gradation

COMPARISON



V/S



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COMPARISON

HART COMMUNICATION (SW VER.)	HANDHELD PORTABLE HART
No Battery Require	Costly Battery (if got damaged)
No Charger Require	Costly Charger (if got damaged)
Totally Free Up-gradation	Heavy Charges for Up-gradation
Lifetime Service Support	Limited Service Support
Long Lasting Life	Fragile to Handle
Easy to Use. Can be Used by Anyone	Operator must have good skills to operate the HART